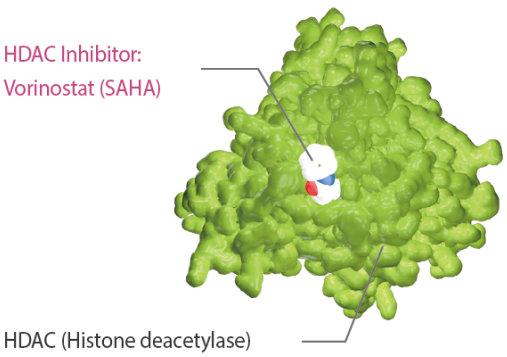
Natural Products

Target List in Natural Products

Saccharides and Glycosides



Saccharide is also called carbohydrate, consisting of carbon (C), hydrogen (H) and oxygen (O) atoms, usually with the empirical formula $C_m(H_2O)_n$. The saccharides are divided into four chemical groups: monosaccharides, disaccharides, oligosaccharides, and polysaccharides. Carbohydrates perform numerous roles in living organisms. Polysaccharides serve for the storage of energy (e.g. starch and glycogen) and as structural components. The 5-carbon monosaccharide ribose is an important component of coenzymes (e.g. ATP, FAD and NAD) and the backbone of the genetic molecule known as RNA. The related deoxyribose is a component of DNA. Saccharides and their derivatives include many other important biomolecules that play key roles in the immune system, fertilization, preventing pathogenesis, blood clotting, and development.

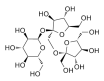
A glycoside is a molecule in which a sugar is bound to another functional group via a glycosidic bond. Glycosides play numerous important roles in living organisms. Many plants store chemicals in the form of inactive glycosides. These can be activated by enzyme hydrolysis, which causes the sugar part to be broken off, making the chemical available for use. Many such plant glycosides are used as medications. In animals and humans, poisons are often bound to sugar molecules as part of their elimination from the body.

1-Kestose

Cat. No.: HY-N2579

Bioactivity: 1-Kestose, the smallest fructooligosaccharide component, which efficiently stimulates Faecalibacterium prausnitzii as well as Bifidobacteria.

Purity: 99.01%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 10 mg, 25 mg

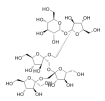


1F-Fructofuranosylnystose

Cat. No.: HY-N2577

Bioactivity: 1F-Fructofuranosylnystose can be used in the synthesis of Fructooligosaccharides (FOSs). Fructooligosaccharides exhibit lots of beneficial effects on our health and have been used as food ingredients.

Purity: 99.87%
Clinical Data: No Development Reported
Size: 5 mg

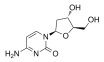


2'-Deoxycytidine (Cytosine deoxyribonucleoside; Cytosine deoxyriboside; Deoxycytidine; Deoxyribose cytidine)

Cat. No.: HY-D0184

Bioactivity: 2'-Deoxycytidine, a deoxyribonucleoside, could inhibit biological effects of **Bromodeoxyuridine (Brdu)**.

Purity: 97.76%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 100 mg



2'-Deoxyguanosine (Deoxyguanosine; Guanine deoxyriboside)

Cat. No.: HY-17563

Bioactivity: Deoxyguanosine(2'-Deoxyguanosine) is composed of the purine nucleoside guanine linked by its N9 nitrogen to the C1 carbon of deoxyribose.

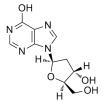
Purity: 99.71%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 1 g, 5 g

2'-Deoxyinosine

Cat. No.: HY-W008638

Bioactivity: 2'-deoxyadenosine inhibits the growth of human colon-carcinoma cell lines and is found to be associated with purine nucleoside phosphorylase (PNP) deficiency.

Purity: >98%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 100 mg

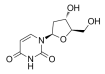


2'-Deoxyuridine

Cat. No.: HY-D0186

Bioactivity: 2'-Deoxyuridine could increase chromosome breakage and results in a decreased thymidylate synthetase activity. A known use of 2'-Deoxyuridine is as a precursor in the synthesis of Edoxudine.

Purity: 97.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 100 mg

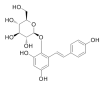


2,3,5,4'-Tetrahydroxystilbene 2-O-β-D-glucoside (2,3,4',5-Tetrahydroxystilbene 2-O-D-glucoside)

Cat. No.: HY-N0652

Bioactivity: 2,3,4',5-tetrahydroxystilbene 2-O-D-glucoside isolats from the roots of Polygonum species, inhibits the formation of 5-HETE, HHT and thromboxane B2, although less strongly. [1]

Purity: 98.72%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 10 mg, 25 mg, 50 mg

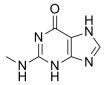


2-(Methylamino)-1H-purin-6(7H)-one (N2-methylguanine)

Cat. No.: HY-101412

Bioactivity: 2-(Methylamino)-1H-purin-6(7H)-one (N2-Methylguanine) is a modified nucleoside. 2-(Methylamino)-1H-purin-6(7H)-one is an endogenous methylated nucleoside found in human fluids.

Purity: 98.0%
Clinical Data: No Development Reported
Size: 5 mg, 10 mg, 50 mg, 100 mg



3-Indoleacetic acid (Indole-3-acetic acid; 3-IAA)

Cat. No.: HY-18569

Bioactivity: Indole-3-acetic acid (3-Indoleacetic acid; IAA) is the most common natural plant growth hormone of the auxin class. It can be added to cell culture medium to induce plant cell elongation and division.

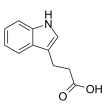
Purity: 99.74%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 g

3-Indolepropionic acid

Cat. No.: HY-W015229

Bioactivity: 3-Indolepropionic acid is shown to be a powerful antioxidant and has potential in the treatment for Alzheimer's disease.

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 1 g



3-Methylxanthine

Cat. No.: HY-50723

Bioactivity: 3-Methylxanthine, a xanthine derivative, is a cyclic guanosine monophosphate **(GMP)** inhibitor, with an IC_{50} of 920 μM on guinea-pig isolated trachealis muscle.

Purity: 97.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 100 mg

6-Biopterin

(L-Biopterin)

Cat. No.: HY-102015

Bioactivity: 6-Biopterin (L-Biopterin), a pterin derivative, is a **NO synthase** cofactor.

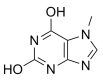
Purity: 98.02%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg, 25 mg, 50 mg, 100 mg

7-Methylxanthine

Cat. No.: HY-W017163

Bioactivity: 7-Methylxanthine, a methyl derivative of xanthine, is one of the purine components in urinary calculi.

Purity: 99.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 50 mg



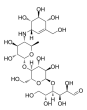
Acarbose

(BAY g 5421)

Cat. No.: HY-B0089

Bioactivity: Acarbose is an inhibitor of alpha glucosidase, an anti-diabetic drug.

Purity: 98.0%
Clinical Data: Launched
Size: 10mM x 1mL in Water, 200 mg, 1 g



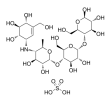
Acarbose sulfate

(Bay-g 5421 sulfate)

Cat. No.: HY-B0089A

Bioactivity: Acarbose sulfate is an inhibitor of alpha glucosidase, an anti-diabetic drug.

Purity: >98%
Clinical Data: Launched
Size: 200 mg, 1 g

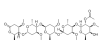


Acetyl Perisesaccharide C

Cat. No.: HY-N4222

Bioactivity: Acetyl Perisesaccharide C is an oligosaccharide, which is isolated from the root barks of Periploca sepium.

Purity: 98.99%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg



Adenine

(6-Aminopurine; Vitamin B4)

Cat. No.: HY-B0152

Bioactivity: Adenine is a purine derivative and a nucleobase with a variety of roles in biochemistry. Target: Nucleoside antimetabolite/analog Adenine is a nucleobase with a variety of roles in biochemistry including cellular respiration, in the form of both the energy-rich adenosine triphosphate (ATP)...

Purity: 98.76%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 1 g, 5 g

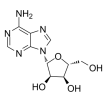
Adenosine

(Adenine riboside; D-Adenosine)

Cat. No.: HY-B0228

Bioactivity: Adenosine is a nucleoside composed of a molecule of adenine attached to a ribose sugar molecule (ribofuranose) moiety via a β-N9-glycosidic bond. Target: Nucleoside antimetabolite/analog Adenosine plays an important role in biochemical processes, such as energy transfer — as adenosine...

Purity: 99.84%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 1 g, 5 g



Allopurinol riboside

Cat. No.: HY-101397

Bioactivity: Allopurinol riboside, a metabolite of allopurinol, shows potent activities against parasites.

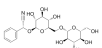
Purity: 99.04%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg

Amygdalin

Cat. No.: HY-N0190

Bioactivity: Amygdalin is a plant glucoside isolated from the stones of rosaceous fruits, such as apricots, peaches, almond, cherries, and plums.

Purity: 98.03%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 50 mg, 100 mg, 200 mg

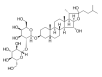


Anemarrhenasaponin I

Cat. No.: HY-N4213

Bioactivity: Anemarrhenasaponin I, a traditional Chinese medicine, is isolated from Anemarrhena asphodeloides Bunge.

Purity: 99.43%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg



Astragalus polysaccharide

(Astragalus Polysacharin)

Cat. No.: HY-N0937

Bioactivity: Astragalus polysaccharide are active components of the polysaccharides extract of Astragulus, attenuates TNF-α-induced insulin resistance by suppressing miR-721 and activating **PPAR-γ** and **PI3K/Akt** in 3T3-L1 adipocytes.

Purity: 98.0%
Clinical Data: Phase 4
Size: 50 mg

Astragalus polysaccharide

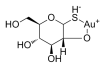
Aurothioglucose

(Gold thioglucose)

Cat. No.: HY-A0068

Bioactivity: Aurothioglucose (Gold thioglucose) is a well known active-site inhibitor of TrxR1, inhibited TrxR1 activity in HeLa cell cytosol but had no effect on the viability of the cells.

Purity:
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg

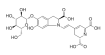


Betanin

Cat. No.: HY-112578

Bioactivity: Betanin has potent antioxidant and anti-inflammatory effect, that could inhibit peroxynitrite **(ONOO$^-$)**, with an **IC_{50}** of 19.2 μM. Betanin is a red glycoside obtained from beets that can be used as colorant.

Purity: >98%
Clinical Data: No Development Reported
Size: 1 g

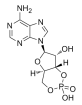


cAMP (Adenosine 3',5'-cyclophosphate; Cyclic 3',5'-monophosphate adenosine; Cyclic AMP)

Cat. No.: HY-B1511

Bioactivity: cAMP is a mitogenic messenger and promotes the G_1 to S phase transition in the cell cycle.

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in Water, 500 mg, 1 g



Casanthranol

Cat. No.: HY-B2134

Bioactivity: Casanthranol is a concentrated mixture of anthranol glycosides from cascara sagrada (dried bark of Rhamnus p.) and used as a laxative in constipation and various medical conditions, stimulant laxative Casanthranol encourages bowel movements by acting on the intestinal wall to increase muscle contractions...

Purity:
Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 50 mg

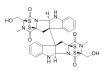
Casanthranol

Chaetocin

Cat. No.: HY-N2019

Bioactivity: Chaetocin is a specific inhibitor of the histone methyltransferase (**HMT**) SU(VAR)3-9 with an **IC_{50}** of 0.6 μM for SU(VAR)3-9. It also inhibits thioredoxin reductase (**TrxR**) with an **IC_{50}** of 4 μM.

Purity: 98.06%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 1 mg, 5 mg, 10 mg



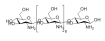
Chitosan

(Deacetylated chitin; Poly(D-glucosamine))

Cat. No.: HY-B2144

Bioactivity: Chitosan is a natural polycationic linear polysaccharide derived from chitin.

Purity: 95.00%
Clinical Data: Phase 4
Size: 10 g

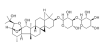


Cimiside B

Cat. No.: HY-N3587

Bioactivity: Cimiside B, a glycoside alkaloid, isolated from the rhizome of Cimicifuga dahurica.

Purity: 97.0%
Clinical Data: No Development Reported
Size: 5 mg

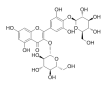


Complanatoside A

Cat. No.: HY-N0624

Bioactivity: Complanatoside A is a flavonol glycoside isolated from Astragalus complanatus, and currently it is used as a quality control index for A. complanatus in the 2010 edition of the Chinese Pharmacopoeia.

Purity: >98%
Clinical Data: No Development Reported
Size: 5 mg, 10 mg, 25 mg, 50 mg, 100 mg

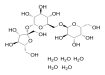


D(+)-Raffinose pentahydrate

(D-Raffinose pentahydrate) Cat. No.: HY-N1938

Bioactivity: D(+)-Raffinose pentahydrate (D-Raffinose pentahydrate) is a trisaccharide composed of galactose, glucose, and fructose that occurs naturally in a variety of vegetables and grains. D(+)-Raffinose pentahydrate is a functional oligosaccharide.

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in Water, 100 mg

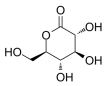


D-(+)-Glucono-1,5-lactone

(Gluconic acid lactone) Cat. No.: HY-I0301

Bioactivity: D-(+)-Glucono-1,5-lactone is a polyhydroxy (PHA) that is capable of metal chelating, moisturizing and antioxidant activity.

Purity: 98.0%
Clinical Data: No Development Reported
Size: 5 g

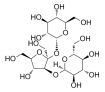


D-(+)-Melezitose

((+)-Melezitose; D-Melezitose) Cat. No.: HY-N2340

Bioactivity: D-(+)-Melezitose can be used to identify clinical isolates of indole-positive and indole-negative Klebsiella spp.

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in Water, 100 mg

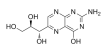


D-(+)-Neopterin

Cat. No.: HY-W040055

Bioactivity: D-(+)-Neopterin, a catabolic product of guanosine triphosphate **(GTM)**, serves as a marker of cellular immune system activation.

Purity: >98%
Clinical Data: No Development Reported
Size: 10 mg

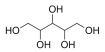


D-Arabitol

Cat. No.: HY-N3686

Bioactivity: Arabinitol, D- is a polyol and its accumulation may cause a neurotoxic effect in human.

Purity: 97.0%
Clinical Data:
Size: 10mM x 1mL in DMSO, 1 g

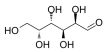


D-Galactose

(D-(+)-Galactose) Cat. No.: HY-N0210

Bioactivity: D-Galactose is a natural aldohexose and C-4 epimer of glucose.

Purity: 98.0%
Clinical Data: Phase 2
Size: 10mM x 1mL in Water, 500 mg, 5 g

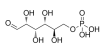


D-Glucose 6-Phosphate

Cat. No.: HY-112537

Bioactivity: D-Glucose 6-Phosphate is a glucose sugar phosphorylated at the hydroxy group on carbon 6.

Purity: 99.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in Water, 50 mg

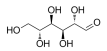


D-Mannose

Cat. No.: HY-N0379

Bioactivity: D-Mannose is a carbohydrate, which plays an important role in human metabolism, especially in the glycosylation of specific proteins.

Purity: 97.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 100 mg

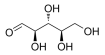


D-Ribose(mixture of isomers)

Cat. No.: HY-W018772

Bioactivity: D-Ribose(mixture of isomers) is an energy enhancer, and acts as a sugar moiety of ATP, and widely used as a metabolic therapy supplement for chronic fatigue syndrome or cardiac energy metabolism. D-Ribose(mixture of isomers) is active in protein glycation, induces NF-κB inflammation in a...

Purity: 97.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 100 mg

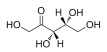


D-Xylulose

Cat. No.: HY-W010256

Bioactivity: D-xylulose is a precursor of the pentiol D-arabitol.

Purity: >98%
Clinical Data: No Development Reported
Size: 5 mg



Deoxycytidine triphosphate

(dCTP) Cat. No.: HY-101400

Bioactivity: Deoxycytidine triphosphate (dCTP), a nucleoside triphosphate, is a raw material in DNA synthesis. Deoxycytidine triphosphate has many applications, such as real-time PCR, cDNA synthesis, and DNA sequencing.

Purity: 98.15%
Clinical Data: No Development Reported
Size: 10mM x 1mL in Water, 10 mg, 50 mg

Desaminotyrosine

(3-(4-Hydroxyphenyl)propionic acid) Cat. No.: HY-W015346

Bioactivity: Desaminotyrosine is a microbially associated metabolite protecting from **influenza** through augmentation of **type I interferon** signaling.

Purity: 99.32%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 100 mg

Dextrose

(D-Glucose; Grape sugar; Glucopyranose) Cat. No.: HY-B0389

Bioactivity: Dextrose, a simple sugar (monosaccharide), is an important carbohydrate in biology. Target: Others Dextrose(D-glucose), a simple sugar (monosaccharide), is an important carbohydrate in biology.

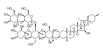
Purity: 98.0%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 1 g, 5 g

Digitonin

Cat. No.: HY-N4000

Bioactivity: Digitonin, a glycoside obtained from Digitalis purpurea, could increase cell permeability by binding to cholesterol molecules and reduce tumor growth.

Purity: 50.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in Water, 25 mg

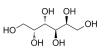


Dulcite (Dulcitol; Dulcose; Euonymit; Melampyrin; Melampyrit; NSC 1944)

Cat. No.: HY-Y0418

Bioactivity: Dulcite is a sugar alcohol with a slightly sweet taste which is a metabolic breakdown product of galactose.

Purity: 97.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 g

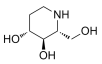


Fagomine

(D-Fagomine) Cat. No.: HY-13005

Bioactivity: Fagomine is a mild **glycosidase** inhibitor. The K_i of the iminosugar Fagomine is 4.8 μM, 39 μM, and 70 μM for Amyloglucosidase (A. niger), β-Glucosidase (bovine), and Isomaltase (yeast), respectively.

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in Water, 2 mg, 5 mg, 10 mg

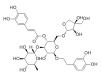


Forsythoside B

Cat. No.: HY-N0029

Bioactivity: Forsythoside B is a phenylethanoid glycoside isolated from the leaves of Lamiophlomis rotata Kudo, a Chinese folk medicinal plant for treating inflammatory diseases and promoting blood circulation. Forsythoside B could inhibit **TNF-alpha**, **IL-6**, **IκB** and modulate **NF-κB**.

Purity: 99.99%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg, 25 mg, 50 mg, 100 mg

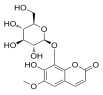


Fraxin

(Fraxoside) Cat. No.: HY-N0579

Bioactivity: Fraxin isolated from Acer tegmentosum, F. ornus or A. hippocastanum, is a glucoside of fraxetin and reported to exert potent anti-oxidative stress action [1], anti-inflammatory and antimetastatic properties. Fraxin shows its antioxidative effect through inhibition of cyclo AMP...

Purity: >98%
Clinical Data: No Development Reported
Size: 5 mg, 10 mg, 25 mg

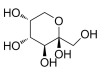


Fructose

Cat. No.: HY-N0395

Bioactivity: Fructose is a simple ketonic monosaccharide found in many plants, where it is often bonded to glucose to form the disaccharide sucrose.

Purity: 98.0%
Clinical Data: Phase 4
Size: 10mM x 1mL in Water, 1 g, 5 g

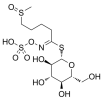


Glucoraphanin

Cat. No.: HY-N4068

Bioactivity: Glucoraphanin, a natural glucosinolate found in cruciferous vegetable, is a stable precursor of the Nrf2 inducer sulforaphane, which possesses antioxidant, anti-inflammatory, and anti-carcinogenic effects.

Purity: 99.07%
Clinical Data: No Development Reported
Size: 10mM x 1mL in Water, 5 mg, 10 mg



Glucosamine

(D-Glucosamine; Chitosamine) Cat. No.: HY-B1125

Bioactivity: Glucosamine is an amino sugar and a prominent precursor in the biochemical synthesis of glycosylated proteins and lipids, is used as a dietary supplement.

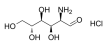
Purity: 97.0%
Clinical Data: Launched
Size: 100 mg

Glucosamine hydrochloride (D-(+)-Glucosamine hydrochloride; Chitosamine hydrochloride)

Cat. No.: HY-N0733

Bioactivity: Glucosamine (hydrochloride) is a natural product. IC50 value: Target: In vitro: Glucosamine hydrochloride exhibited dose-dependent DPPH antioxidant activity [1]. Short-term (4 h) glucosamine hydrochloride treatment inhibited HIF-1α at the protein level, decreased phosphorylation of p70S6K and S6,...

Purity: 98.0%
Clinical Data: Launched
Size: 10mM x 1mL in Water, 50 mg

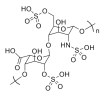


Heparin

Cat. No.: HY-17567

Bioactivity: Heparin is a highly sulfated glycosaminoglycan,that is widely used as an injectable anticoagulant, and has the highest negative charge density of any known biological molecule (50-400 U/Kg).

Purity: >98%
Clinical Data: Launched
Size: 100 mg, 500 mg

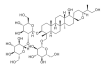


Hosenkoside A

Cat. No.: HY-N2249

Bioactivity: Hosenkoside A is a baccharane glycoside isolated from the seeds of impatiens balsamina.

Purity: 99.65%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg

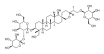


Hosenkoside F

((+)-Hosenkoside F) Cat. No.: HY-N2241

Bioactivity: Hosenkoside F is a baccharane glycoside isolated from the seeds of impatiens balsamina.

Purity: 98.39%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg

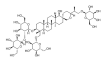


Hosenkoside K

Cat. No.: HY-N2243

Bioactivity: Hosenkoside K is a baccharane glycoside isolated from the seeds of impatiens balsamina.

Purity: 99.29%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg

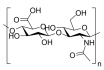


Hyaluronic acid

Cat. No.: HY-B0633A

Bioactivity: Hyaluronic acid is a biopolymer composed of repeating units of disaccharides with various applications.

Purity:
Clinical Data: Phase 4
Size: 50 mg, 100 mg, 200 mg, 500 mg, 1 g

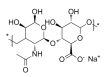


Hyaluronic acid sodium salt

(Sodium hyaluronate) Cat. No.: HY-B0633

Bioactivity: Hyaluronic acid sodium salt is a biopolymer composed of repeating units of disaccharides with various applications.

Purity:
Clinical Data: Launched
Size: 10 mg, 50 mg, 100 mg

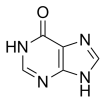


Hypoxanthine

(Purin-6-ol; Sarcine) Cat. No.: HY-N0091

Bioactivity: Hypoxanthine, a purine derivative, is a potential free radical generator and could be used as an indicator of hypoxia.

Purity: 99.94%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 50 mg, 100 mg

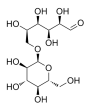


Isomaltose

(6-O-α-D-Glucopyranosyl-D-glucose; D-Isomaltose) Cat. No.: HY-N3018

Bioactivity: Isomaltose is composed of two glucose units and suitable as a non-cariogenic sucrose replacement and is favorable in products for diabetics and prediabetic dispositions.

Purity: >98%
Clinical Data:
Size: 50 mg

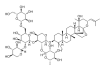


Jujuboside A

Cat. No.: HY-N0659

Bioactivity: Jujuboside A is a glycoside extracted from Semen Ziziphi Spinosae, a Chinese herbal medicine used to treat insomnia and anxiety.

Purity: 98.18%
Clinical Data: No Development Reported
Size: 10mM x 1mL in Water, 5 mg, 10 mg, 25 mg

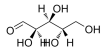


L-(+)-Arabinose

Cat. No.: HY-W015611

Bioactivity: L-(+)-Arabinose selectively inhibits intestinal sucrase activity in a noncompetitive manner and suppresses the plasma glucose increase due to sucrose ingestion.

Purity: 97.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 1 g

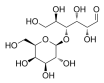


Lactose

Cat. No.: HY-B2123

Bioactivity: Lactose, a major sugar in the milk of most species, could regulate human's intestinal microflora.

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 1 g



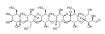
Maltohexaose

(Amylohexaose)

Cat. No.: HY-N2559

Bioactivity: Maltohexaose is a natural saccharide, and can be produced from amylose, amylopectin and whole starch.

Purity: 98.22%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg

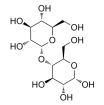


Maltose

Cat. No.: HY-N2024

Bioactivity: Maltose is a disaccharide formed from two units of glucose joined with an α(14) bond. Maltose is a reducing sugar.

Purity: >98%
Clinical Data: No Development Reported
Size: 1 g

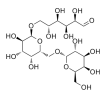


Manninotriose

Cat. No.: HY-N0913

Bioactivity: Manninotriose is a novel and important player in the RFO(Raffinose family oligosaccharides) metabolism of red dead deadnettle; potential to improve the side effects of MTX for ALL treatment.

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg

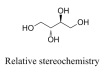


meso-Erythritol

Cat. No.: HY-100551

Bioactivity: meso-Erythritol is a sugar alcohol that occurs naturally in a variety of foods (e.g., pear, watermelon), is 60-80% as sweet as sucrose, and is an approved low-calorie sweetener food additive [1].

Purity: 97.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in Water, 100 mg

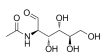


N-Acetyl-D-glucosamine (N-Acetyl-2-amino-2-deoxy-D-glucose; N-Acetyl-2-amino-2-deoxyglucose)

Cat. No.: HY-A0132

Bioactivity: N-Acetyl-D-Glucosamine is a monosaccharide derivative of glucose.

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 1 g



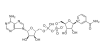
NAD+

(β-DPN; β-NAD; β-Nicotinamide Adenine Dinucleotide)

Cat. No.: HY-B0445

Bioactivity: NAD+ is a coenzyme composed of ribosylnicotinamide 5'-diphosphate coupled to adenosine 5'-phosphate by pyrophosphate linkage.

Purity: 99.56%
Clinical Data: Phase 3
Size: 10mM x 1mL in Water, 1 g, 5 g

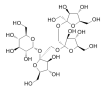


Nystose

Cat. No.: HY-N1499

Bioactivity: Nystose is a tetrasaccharide with two fructose molecules linked via beta (12) bonds to the fructosyl moiety of sucrose.

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in Water, 10 mg, 50 mg, 100 mg

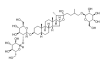


Officinalisinin I

Cat. No.: HY-107284

Bioactivity: Officinalisinin I is a steroidal saponin, isolated from Anemarrhena asphodeloides.

Purity: 98.99%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg

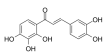


Okanin

Cat. No.: HY-N6673

Bioactivity: Okanin, effective constituent of the flower tea Coreopsis tinctoria, attenuates LPS-induced microglial activation through inhibition of the **TLR4/ NF-κB** signaling pathways [1].

Purity: >98%
Clinical Data: No Development Reported
Size:

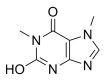


Paraxanthine

Cat. No.: HY-W016498

Bioactivity: Paraxanthine, a caffeine metabolite, provides protection against Dopaminergic cell death via stimulation of Ryanodine Receptor Channels.

Purity: >98%
Clinical Data: No Development Reported
Size: 10 mg



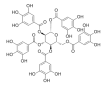
Pentagalloylglucose

(Penta-O-galloyl-β-D-glucose)

Cat. No.: HY-N0527

Bioactivity: Pentagalloylglucose (Penta-O-galloyl-β-D-glucose) is a gallotannin isolated from various plants. It suppressed interleukin (IL)-4 induced signal pathway in B cell, and inhibited IgE production partially caused by increasing a population of Treg cells in conjunction with Treg-inducing...

Purity: 99.04%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg, 50 mg, 100 mg

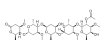


Perisesaccharide B

Cat. No.: HY-N4249

Bioactivity: Perisesaccharide B is an oligosaccharide isolated from the root barks of Periploca sepium.

Purity: 99.72%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg

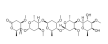


Perisesaccharide C

Cat. No.: HY-N4248

Bioactivity: Perisesaccharide C is an oligosaccharide isolated from the root barks of Periploca sepium.

Purity: 99.23%
Clinical Data: No Development Reported
Size: 5 mg



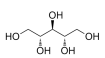
Ribitol

(Adonitol; Adonite)

Cat. No.: HY-100582

Bioactivity: Ribitol is a crystalline pentose alcohol formed by the reduction of ribose. Enhancing the flux of D-glucose to the pentose phosphate pathway in Saccharomyces cerevisiae for the production of D-ribose and ribitol.

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in Water, 500 mg



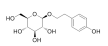
Salidroside

(Rhodioloside)

Cat. No.: HY-N0109

Bioactivity: Salidroside is a **prolyl endopeptidase** Inhibitor. Salidroside alleviates cachexia symptoms in mouse models of cancer cachexia via activating **mTOR** signalling.

Purity: 98.46%
Clinical Data: No Development Reported
Size: 10mM x 1mL in Water, 5 mg, 10 mg



Saponins

(Saponin)

Cat. No.: HY-100597

Bioactivity: Saponins are a class of chemical compounds of glycosides found in particular abundance in various plant species. In plants, saponins may serve as anti-feedants, and to protect the plant against microbes and fungi [1].

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in Water, 100 mg

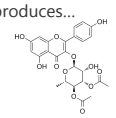
SL 0101-1

(SL0101)

Cat. No.: HY-15237

Bioactivity: SL 0101-1 (SL0101), a kaempferol glycoside, isolated from the tropical plant F. refracta, is a cell-permeable, selective, reversible, ATP-competitive **p90 Ribosomal S6 Kinase (RSK)** inhibitor, with an $\mathbf{IC_{50}}$ of 89 nM. Shows proliferation inhibition in human breast cancer cell line MCF-7 and produces...

Purity: >98%
Clinical Data: No Development Reported
Size: 1 mg, 5 mg

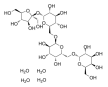


Stachyose tetrahydrate

Cat. No.: HY-113529

Bioactivity: Stachyose is a prebiotic, a non-reducing tetrasaccharide in the rafnose family of oligosaccharides with few side efects.

Purity: 98.10%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg



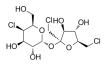
Sucralose

(E955; Trichlorosucrose)

Cat. No.: HY-N0614

Bioactivity: Sucralose is an intense organochlorine artificial sweetener.

Purity: 98.0%
Clinical Data: Phase 2
Size: 10mM x 1mL in Water, 100 mg, 500 mg



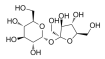
Sucrose

(D-(+)-Saccharose)

Cat. No.: HY-B1779

Bioactivity: Sucrose is a disaccharide which is composed of two monosaccharides, glucose and fructose.

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in Water, 100 mg



Tetrahydrobiopterin

(Sapropterin)

Cat. No.: HY-107383

Bioactivity: Tetrahydrobiopterin is a **cofactor** of the **aromatic amino acid hydroxylases enzymes** and also acts as an essential **cofactor** for all **nitric oxide synthase** (NOS) isoforms.

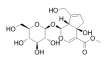
Purity: 98.63%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg, 50 mg

Theviridoside

Cat. No.: HY-N1155

Bioactivity: Theviridoside is a natural iridoid glucoside found in the leaves of Cerbera odollam, it has cytotoxicity.

Purity: >98%
Clinical Data: No Development Reported
Size: 5 mg

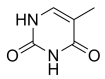


Thymine

Cat. No.: HY-W010450

Bioactivity: Thymine is one of the four nucleobases in the nucleic acid of DNA and can be a target for actions of 5-fluorouracil (5-FU) in cancer treatment, with a K_m of 2.3 μM.

Purity: 99.98%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 1 g

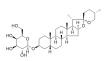


Timosaponin A1

Cat. No.: HY-N6079

Bioactivity: Timosaponin A1 is a coprostane type steroidal saponin isolated from Rhizoma Anemarrhenae.

Purity: 98.74%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg



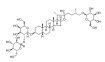
Timosaponin BII

(Prototimosaponin A III)

Cat. No.: HY-N0812

Bioactivity: Timosaponin BII is an antioxidant and an anti-inflammatory agent.

Purity: 98.52%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg



Uridin

(β-Uridine)

Cat. No.: HY-B1449

Bioactivity: Uridin is a glycosylated pyrimidine-analog containing uracil attached to a ribose ring (or more specifically, aribofuranose) via a β-N1-glycosidic bond.

Purity: 99.99%
Clinical Data: Launched
Size: 10mM x 1mL in Water, 100 mg, 500 mg

Xylan

Cat. No.: HY-107846

Bioactivity: Xylan represents the main hemicellulose component in the secondary plant cell walls of flowering plants. Xylan is a polysaccharide made from units of xylose and contains predominantly β-D-xylose units linked as in cellulose.

Purity:
Clinical Data: No Development Reported
Size: 1 g

Xylan

Xylitol

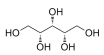
(Xylite) **Cat. No.:** HY-N0538

Bioactivity: Xylitol is a chemical categorized as a polyalcohol or sugar alcohol. Target: Others Xylitol is a chemical categorized as a polyalcohol or sugar alcohol (alditol). Xylitol has the formula (CHOH)3(CH2OH)2 and is an achiral isomer of pentane-1,2,3,4,5-pentol. Xylitol is used as a diabetic...

Purity: 98.0%

Clinical Data: Phase 4

Size: 10mM x 1mL in Water, 1 g, 5 g



Xylose

(D-(+)-Xylose; (+)-Xylose; Wood sugar) **Cat. No.:** HY-N0537

Bioactivity: Xylose, a natural product, can be catalyzed into xylulose by xylose isomerase, and it is the key step for anaerobic ethanolic fermentation of xylose.

Purity: 98.0%

Clinical Data: No Development Reported

Size: 10mM x 1mL in DMSO, 100 mg

α-L-Rhamnose monohydrate

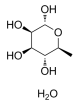
Cat. No.: HY-N0642

Bioactivity: α-L-Rhamnose monohydrate is a component of the plant cell wall pectic polysaccharides rhamnogalacturonan I and rhamnogalacturonan Ⅱ. α-L-Rhamnose monohydrate is also a component of bacterial polysaccharides where it plays an important role in pathogenicity.

Purity: 98.0%

Clinical Data: No Development Reported

Size: 10mM x 1mL in Water, 100 mg, 500 mg



β-Nicotinamide mononucleotide

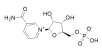
(β-NM) **Cat. No.:** HY-F0004

Bioactivity: β-nicotinamide mononucleotide is an intermediate in NAD+ biosynthesis produced from nicotinamide (NAM) and phosphoribosyl pyrophosphate (PRPP) by nicotinamide phosphoribosyl transferase enzyme with no toxicity.

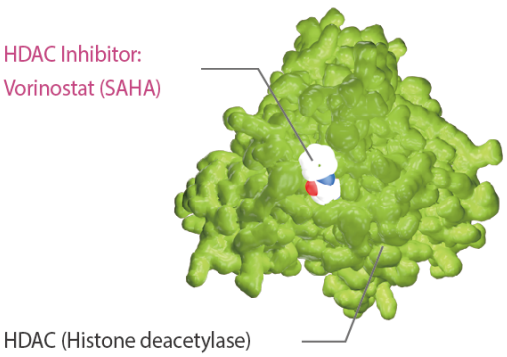
Purity: 99.93%

Clinical Data: No Development Reported

Size: 10mM x 1mL in Water, 10 mg, 50 mg, 100 mg



Phenylpropanoids



The phenylpropanoids are a diverse family of organic compounds that are synthesized by plants from the amino acids phenylalanine and tyrosine. Their name is derived from the six-carbon, aromatic phenyl group and the three-carbon propene tail of cinnamic acid, which is synthesized from phenylalanine in the first step of phenylpropanoid biosynthesis. Phenylpropanoids are found throughout the plant kingdom, where they serve as essential components of a number of structural polymers, provide protection from ultraviolet light, defend against herbivores and pathogens, and mediate plant-pollinator interactions as floral pigments and scent compounds. Concentrations of phenylpropanoids within plants are also altered by changes in resource availability.

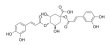
1,4-Dicaffeoylquinic acid

(1,4-DCQA)

Cat. No.: HY-N0358

Bioactivity: 1,4-Dicaffeoylquinic acid (1,4-DCQA) is a phenylpropanoid from Xanthii fructus, inhibits LPS-stimulated TNF-α production [1].

Purity: >98%
Clinical Data: No Development Reported
Size:

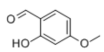


2-Hydroxy-4-methoxybenzaldehyde

Cat. No.: HY-N0445

Bioactivity: 2-Hydroxy-4-methoxybenzaldehyde, a chemical compound and an isomer of Vanillin, could be used to synthesis Urolithin M7 [1]. 2-hydroxy-4-methoxybenzaldehyde is a potent **tyrosinase** inhibitor from three East African medicinal plants, Mondia whitei, Rhus vulgaris Meikle, and Sclerocarya caffra Sond...

Purity: 99.90%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 100 mg



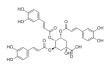
3,4,5-Tricaffeoylquinic acid

(3,4,5-triCQA)

Cat. No.: HY-N6588

Bioactivity: 3,4,5-Tricaffeoylquinic acid is isolated from barks of Ilex rotunda Thunb, used in the research of the pro-inflammatory mediator-induced skin disease [1].

Purity: >98%
Clinical Data: No Development Reported
Size:

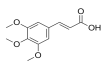


3,4,5-Trimethoxycinnamic acid

Cat. No.: HY-W012123

Bioactivity: 3,4,5-Trimethoxycinnamic acid is a phenylpropanoid isolated from the roots of Polygala tenuifolia WILLD, with anti-stress effect, prolonging the sleeping time in animals [1] [2]. 3,4,5-Trimethoxycinnamic acid increases expression of GAD65 and **γ-subunit of GABAA receptor**, but shows no effect on the...

Purity: 99.22%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 100 mg



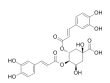
3,4-Dicaffeoylquinic acid

(Isochlorogenic acid B)

Cat. No.: HY-N0057

Bioactivity: 3,4-Dicaffeoylquinic acid is a reference substance of a common phytochemical found in Echinacea (Echinacea sp.); dietary supplement, herb, or plant testing applications with this reference material include material characterization, adulterant identification, or method validation.

Purity: 96.44%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg



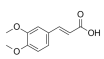
3,4-Dimethoxycinnamic acid

(O-Methylferulic acid)

Cat. No.: HY-N1778

Bioactivity: 3,4-Dimethoxycinnamic acid (O-Methylferulic acid) is a monomer extracted and purified from Securidaca inappendiculata Hassk. 3,4-Dimethoxycinnamic acid exerts anti-apoptotic effects on L-02 cells via the ROS-mediated signaling pathway [1]

Purity: 99.54%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 100 mg



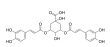
3,5-Dicaffeoylquinic acid

(3,5-CQA; Isochlorogenic acid A)

Cat. No.: HY-N0056

Bioactivity: 3,5-Dicaffeoylquinic acid is a natural phenolic acid with antioxidant and anti-inflammatory activities .

Purity: 98.71%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg, 50 mg, 100 mg



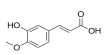
3-Hydroxy-4-methoxycinnamic acid

(Isoferulic acid)

Cat. No.: HY-N0761

Bioactivity: 3-Hydroxy-4-methoxycinnamic acid (Isoferulic acid) is a cinnamic acid derivative that has antidiabetic activity. 3-Hydroxy-4-methoxycinnamic acid binds to and activates α1-adrenergic receptors (IC_{50}=1.4 μM) to enhance secret...

Purity: 99.82%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 100 mg



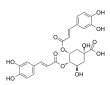
4,5-Dicaffeoylquinic acid

(Isochlorogenic acid C)

Cat. No.: HY-N0058

Bioactivity: 4,5-Dicaffeoylquinic acid (Isochlorogenic acid C) possesses potent hepatoprotective and anti-HBV effects. IC50 value: Target: Anti-hepatitis natural produce. In vitro: To study anti-hepatitis effect of isochlorogenic acid C, anti-apoptotic and anti-injury properties of test compound were evaluated....

Purity: 99.74%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg

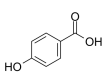


4-Hydroxybenzoic acid

Cat. No.: HY-Y0264

Bioactivity: 4-Hydroxybenzoic acid, a phenolic derivative of benzoic acid, could inhibit most gram-positive and some gram-negative bacteria, with an **IC_{50}** of 160 μg/mL.

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 1 g

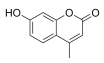


4-Methylumbelliferone

(Hymecromone; 4-MU) Cat. No.: HY-N0187

Bioactivity: 4-Methylumbelliferone is a hyaluronic acid biosynthesis inhibitor with antitumoral and antimetastatic effects.

Purity: 99.48%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 100 mg

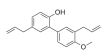


4-O-Methyl honokiol

Cat. No.: HY-U00450

Bioactivity: 4-O-Methyl honokiol is a natural neolignan isolated from Magnolia officinalis, acts as a **PPARγ** agonist, and inhibtis **NF-κB** activity, used for cancer and inflammation research.

Purity: >98%
Clinical Data: No Development Reported
Size: 5 mg, 10 mg, 25 mg

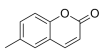


6-Methylcoumarin

Cat. No.: HY-N1406

Bioactivity: 6-Methylcoumarin is a synthetic fragrance widely used in cosmetics.

Purity: 99.97%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 1 g, 5 g

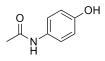


Acetaminophen (Paracetamol; 4'-Hydroxyacetanilide; 4-Acetamidophenol; APAP)

Cat. No.: HY-66005

Bioactivity: Acetaminophen (paracetamol) is a selective cyclooxygenase-2 (**COX-2**) inhibitor with an IC_{50} of 25.8 μM; is a widely used antipyretic and analgesic drug.

Purity: 99.69%
Clinical Data: Launched
Size: 5 g, 10 g

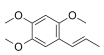


alpha-Asarone

(α-Asarone; trans-Asarone) Cat. No.: HY-N0700

Bioactivity: Alpha-Asarone is one of the main psychoactive compounds, and possesses an antidepressant-like activity in mice.

Purity: 99.99%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 1 g, 5 g

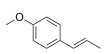


Anethole

(Anise camphor; p-Propenylanisole; Isoestragole) Cat. No.: HY-B0900

Bioactivity: Anethole is a type of aromatic compound that occurs widely in nature, widely used as a flavoring substance.

Purity: 99.39%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 100 mg, 500 mg

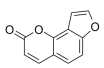


Angelicin

(Isopsoralen) Cat. No.: HY-N0763

Bioactivity: Angelicin, a furocoumarin naturally occurring tricyclic aromatic compound, structurally related to psoralens, is reported to have anti-cancer, antiviral, anti-inflammatory activity.

Purity: 99.86%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg

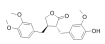


Arctigenin

((-)-Arctigenin) Cat. No.: HY-N0035

Bioactivity: Arctigenin is a lignan found in certain plants of the Asteraceae; it has shown antiviral and anticancer effects in glass; it is the aglycone of arctiin. IC50 value: Target: anticancer agent Arctiin and its aglucone, arctigenin from the fruits of Arctium lappa L. showed potent in vitro antiviral...

Purity: 99.63%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 10 mg, 50 mg, 100 mg

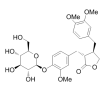


Arctiin

(Arctii; NSC 315527; Arctigenin-4-glucoside) Cat. No.: HY-N0034

Bioactivity: Arctiin(NSC 315527), a plant lignan that can be extracted from the Arctium lappa (burdock) seeds, is a possible environmental endocrine disruptor compounds and have been shown to influence sex hormone metabolism as well as protein synthesis, steroid biosynthesis.

Purity: 98.89%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 50 mg, 100 mg

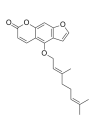


Bergamottin

(5-Geranoxypsoralen; Bergamotine; Bergaptin) Cat. No.: HY-N2194

Bioactivity: Bergamottin is a potent and competitive **CYP1A1** inhibitor with a K_i of 10.703 nM.

Purity: 99.57%
Clinical Data: No Development Reported
Size: 5 mg, 10 mg, 25 mg

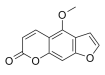


Bergapten

(5-Methoxypsoralen) Cat. No.: HY-N0370

Bioactivity: Bergapten is a natural anti-inflammatory and anti-tumor agent isolated from bergamot essential oil, other citrus essential oils and grapefruit juice. Bergapten is inhibitory towards mouse and human **CYP** isoforms.

Purity: 99.96%
Clinical Data: Phase 3
Size: 10mM x 1mL in DMSO, 1 g, 5 g

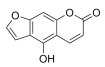


Bergaptol

(5-Hydroxypsoralen; 4-Hydroxybergapten) Cat. No.: HY-76316

Bioactivity: Bergaptol A hydroxylated psoralen that acts as a potent inhibitors of debenzylation activity of CYP3A4 enzyme with an IC50 value of 24.92 uM. Recent studies suggest that it may have antiproliferative and anticancer properties. target: CYP3A4 [1] IC50: 24.92 [1] For in vivo enzyme activity...

Purity: 99.28%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 500 mg

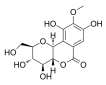


Bergenin

(Cuscutin) Cat. No.: HY-N0017

Bioactivity: Bergenin, a polyphenol, is a potent antinarcotic agent with antioxidant action. IC50 value: < 2.5 μM (antiplasmodial) [3] Target: In vitro: The naloxone-precipitated withdrawal symptom (jumping frequency) was significantly ameliorated (50% of control group) by administration of bergenin (20 mg/kg) in...

Purity: 99.50%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 2 mg, 5 mg, 10 mg, 50 mg



Caffeic acid

Cat. No.: HY-N0172

Bioactivity: Caffeic acid is an inhibitor of both **TRPV1** ion channel and **5-Lipoxygenase** (**5-LO**).

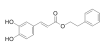
Purity: 98.80%
Clinical Data: Phase 4
Size: 10mM x 1mL in DMSO, 100 mg, 5 g

Caffeic acid phenethyl ester

Cat. No.: HY-N0274

Bioactivity: Caffeic acid phenethyl ester is a **NF-κB** inhibitor.

Purity: 99.67%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg, 100 mg

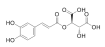


Caftaric acid

(trans-Caftaric acid) Cat. No.: HY-N0321

Bioactivity: Caftaric acid is a natural product.

Purity: 99.55%
Clinical Data: No Development Reported
Size: 5 mg, 10 mg, 50 mg

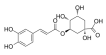


Chlorogenic acid

(3-O-Caffeoylquinic acid; Heriguard; NSC-407296) Cat. No.: HY-N0055

Bioactivity: Chlorogenic acid is a major phenolic compound in coffee and tea. It plays several important and therapeutic roles such as antioxidant activity, antibacterial, hepatoprotective, cardioprotective, anti-inflammatory, antipyretic, neuroprotective, anti-obesity, antiviral, anti-microbial,...

Purity: 99.29%
Clinical Data: Phase 3
Size: 10mM x 1mL in DMSO, 500 mg

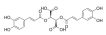


Cichoric Acid

(Cichoric acid; Dicaffeoyltartaric acid) Cat. No.: HY-N0457

Bioactivity: Cichoric Acid, a natural product, is reported to be antioxidative.

Purity: 99.95%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 10 mg, 25 mg, 50 mg

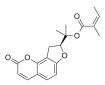


Columbianadin

Cat. No.: HY-N0362

Bioactivity: Columbianadin, a natural coumarin from, is known to have various biological activities including anti-inflammatory and anti-cancer effects.

Purity: 99.85%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg, 25 mg, 50 mg

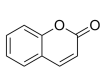


Coumarin

Cat. No.: HY-N0709

Bioactivity: Coumarin is the primary bioactive ingredient in Radix Glehniae, named Beishashen in China, which possesses many pharmacological activities, including anticancer, anti-inflammation and antivirus activities.

Purity: 99.91%
Clinical Data: Phase 4
Size: 10mM x 1mL in DMSO, 100 mg, 500 mg

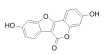


Coumestrol

Cat. No.: HY-N2335

Bioactivity: Coumestrol, a phytoestrogen present in soybean products, exhibits activities against cancers, neurological disorders, and autoimmune diseases. It suppresses proliferation of ES2 cells with an **IC_{50}** of 50 μM.

Purity: 98.28%
Clinical Data: No Development Reported
Size: 5 mg, 10 mg



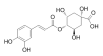
Cryptochlorogenic acid

(4-Caffeoylquinic acid; 4-O-Caffeoylquinic acid)

Cat. No.: HY-N0787

Bioactivity: Cryptochlorogenic acid is a natural product.

Purity: 99.59%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg



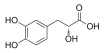
Danshensu

(Dan shen suan A; Salvianic acid A)

Cat. No.: HY-N1913

Bioactivity: Danshensu, an active ingredient of Salvia miltiorrhiza, shows wide cardiovascular benefit by activating **Nrf2** signaling pathway.

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in Water, 10 mg, 50 mg, 100 mg



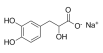
Danshensu sodium salt

(Sodium Danshensu; (±)-DanShenSu sodium sal)

Cat. No.: HY-N0106

Bioactivity: Danshensu (sodium salt) is odium salt of danshensu from the widely used Chinese herb Danshen. It can inhibited phenylephrine- and CaCl2-induced vasoconstriction in Ca2+-free medium. In vitro: Sodium danshensu showed a biphasic effects on vessel tension. While low dosage of sodium danshensu...

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in Water, 10 mg, 50 mg, 100 mg, 200 mg



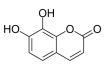
Daphnetin

(7,8-Dihydroxycoumarin)

Cat. No.: HY-N0281

Bioactivity: Daphnetin (7,8-dihydroxycoumarin), one coumarin derivative isolated from plants of the Genus Daphne, is a **protein kinase** inhibitor, with **IC_{50}s** of 7.67 μM, 9.33 μM and 25.01 μM for EGFR, PKA and PKC in vitro, respectively [1] [2]. Daphne...

Purity: 99.55%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 10 mg, 50 mg, 100 mg



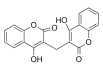
Dicoumarol

(Dicumarol)

Cat. No.: HY-N0645

Bioactivity: Dicoumarol is an inhibitor of both **NAD(P)H:quinone oxidoreductase 1** (**NQO1**) and **PDK1** with **IC_{50}**s of 0.37 and 19.42 μM, respectively.

Purity: 98.70%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 100 mg



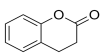
Dihydrocoumarin

(Hydrocoumarin; Chroman-2-one)

Cat. No.: HY-N1926

Bioactivity: Dihydrocoumarin is a compound found in Melilotus officinalis. Dihydrocoumarin is a **yeast Sir2p** inhibitor. Dihydrocoumarin also inhibits **human SIRT1** and **SIRT2** with **IC_{50}**s of 208 μM and 295 μM, respectively [1].

Purity: 99.09%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 100 mg



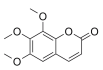
Dimethylfraxetin

(6,7,8-Trimethoxycoumarin; Fraxetin dimethyl ether)

Cat. No.: HY-N0085

Bioactivity: Dimethylfraxetin is a **Carbonic anhydrase** inhibitor, with a **K_i** value of 0.0097 μM.

Purity: 99.97%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg, 25 mg



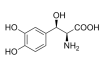
Droxidopa

(L-DOPS; DOPS; SM5688)

Cat. No.: HY-13458

Bioactivity: Droxidopa(L-DOPS, SM5688) is a synthetic amino acid precursor which acts as a prodrug to the neurotransmitters norepinephrine (noradrenaline) and epinephrine (adrenaline); capable of crossing the protective blood–brain barrier IC50 value: Target: The acute administration of droxidopa in PVL...

Purity: 99.58%
Clinical Data: Launched
Size: 100 mg, 500 mg

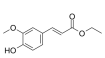


Ethyl ferulate

Cat. No.: HY-N0061

Bioactivity: Ethyl ferulate, a naturally lipophilic derivative of ferulic acid originally derived from giant fennel (F. communis), induces heme oxygenase-1 (HO-1) and protects rat neurons against oxidative stress [1]. Ethyl ferulate also protects neurons against amyloid β peptide (1-42)-induced oxidative...

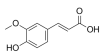
Purity: 99.14%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 100 mg



Ferulic acid
(Coniferic acid) Cat. No.: HY-N0060

Bioactivity: Ferulic acid is a novel fibroblast growth factor receptor 1 (**FGFR1**) inhibitor with **IC_{50}**s of 3.78 and 12.5 μM for **FGFR1** and **FGFR2**, respectively.

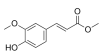
Purity: 98.57%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 100 mg, 500 mg



Ferulic acid methyl ester
(Methyl ferulate) Cat. No.: HY-W018643

Bioactivity: Ferulic acid methyl ester (Methyl ferulate) is a derivative of ferulic acid, isolated from Stemona tuberosa, with anti-inflammatory and antioxidant properties [1] [2]. Ferulic acid methyl ester is a cell membrane and brain permeable compound, shows free radical scavenging ability,...

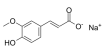
Purity: 99.18%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 100 mg



Ferulic acid sodium
(Sodium ferulate) Cat. No.: HY-N0060A

Bioactivity: Ferulic acid (4-hydroxy-3-methoxycinnamic acid) is a phenolic compound present in several plants with claimed beneficial effects in prevention and treatment of disorders linked to oxidative stress and inflammation. IC50 value: Target: 5-HT Receptor In vitro: In the present study we have showed that...

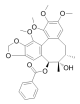
Purity: 99.74%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 1 g, 5 g



Gomisin G
Cat. No.: HY-N0858

Bioactivity: Gomisin G is an ethanolic extract of the stems of Kadsura interior; exhibits potent anti-HIV activity with EC50 and therapeutic index (TI) values of 0.006 microgram/mL and 300, respectively.

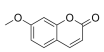
Purity: 99.86%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg



Herniarin
(7-Methoxycoumarin; Methyl umbelliferyl ether) Cat. No.: HY-N1366

Bioactivity: Herniarin is a natural coumarin occurs in some flowering plants, with antitumor effect.

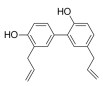
Purity: 99.61%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 100 mg



Honokiol
(NSC 293100) Cat. No.: HY-N0003

Bioactivity: Honokiol is a bioactive, biphenolic phytochemical that possesses potent antioxidative, anti-inflammatory, antiangiogenic, and anticancer activities by targeting a variety of signaling molecules. It inhibits the activation of **Akt** and enhances the phosphorylation of **ERK1/ERK2**.

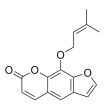
Purity: 99.90%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 50 mg, 100 mg, 200 mg



Imperatorin
(Ammidin) Cat. No.: HY-N0285

Bioactivity: Imperatorin is an effective of **NO synthesis** inhibitor (**IC_{50}**=9.2 μmol), which also is a **BChE** inhibitor (**IC_{50}**=31.4 μmol). Imperatorin is a weak agonist of **TRPV1** with **EC_{50}** of 12.6±3.2 μM.

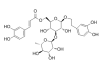
Purity: 98.11%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg, 25 mg, 50 mg



Isoacteoside
(Isoverbascoside) Cat. No.: HY-N0022

Bioactivity: Isoacteoside is a natural compound which exhibit significant inhibition of advanced glycation end product formation with IC50 values of 4.6-25.7 μM, compared with those of aminoguanidine (IC50=1,056 μM) and quercetin (IC50=28.4 μM) as positive controls.

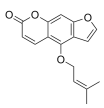
Purity: 97.73%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 10 mg, 50 mg, 100 mg



Isoimperatorin
Cat. No.: HY-N0286

Bioactivity: Isoimperatorin is a methanolic extract of the roots of Angelica dahurica shows significant inhibitory effects on acetylcholinesterase (**AChE**) with the **IC_{50}** of 74.6 μM.

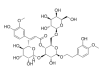
Purity: >98%
Clinical Data: No Development Reported
Size: 5 mg, 10 mg, 25 mg



Jionoside B1
Cat. No.: HY-N2218

Bioactivity: Jionoside B1 is a phenylpropanoid isolated from herbs of Eriophyton wallichii.

Purity: 98.0%
Clinical Data: No Development Reported
Size: 5 mg

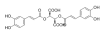


L-Chicoric Acid

((-)-Chicoric acid; trans-Caffeoyltartaric acid) Cat. No.: HY-N0457A

Bioactivity: L-Chicoric acid is an inhibitor of human immunodeficiency virus type 1 (HIV-1) integrase in vitro and of HIV-1 replication in tissue culture.

Purity: >98%
Clinical Data: No Development Reported
Size: 10 mg

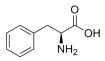


L-Phenylalanine

((S)-2-Amino-3-phenylpropionic acid) Cat. No.: HY-N0215

Bioactivity: L-Phenylalanine is an antagonist at α2δ calcium channels with a Ki of 980 nM.

Purity: 98.06%
Clinical Data: No Development Reported
Size: 10mM x 1mL in Water, 1 g

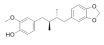


Macelignan

((+)-Anwulignan; Anwuligan) Cat. No.: HY-N0064

Bioactivity: Macelignan(Anwuligan) is a natural compound isolated from Myristica fragrans Houtt; possesses therapeutic potentials against neurodegenerative diseases with oxidative stress and neuroinflammation.

Purity: 99.85%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg

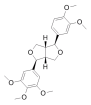


Magnolin

Cat. No.: HY-N1374

Bioactivity: Magnolin, a major component of Magnolia flos (Shin-Yi), inhibits the Ras/ERKs/RSK2 signaling axis by targeting the active pocket of **ERK1** and **ERK2** with **IC_{50}**s of 87 nM and 16.5 nM, respectively.

Purity: 99.98%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg, 25 mg, 50 mg

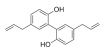


Magnolol

Cat. No.: HY-N0163

Bioactivity: Magnolol, a natural lignan isolated from the stem bark of Magnolia officinalis, is a dual agonist of both **RXRα** and **PPARγ**, with **EC_{50}** values of 10.4 μM and 17.7 μM, respectively.

Purity: 99.72%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 10 mg, 50 mg, 100 mg

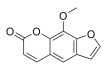


Methoxsalen

(8-Methoxypsoralen; Xanthotoxin; 8-MOP) Cat. No.: HY-30151

Bioactivity: Methoxsalen (8-Methoxypsoralen) is a potent tricyclic furocoumarin suicide inhibitor of CYP (cytochrome P-450), is an agent used to treat psoriasis, eczema, vitiligo and some cutaneous Lymphomas in conjunction with exposing the skin to sunlight.

Purity: 99.98%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 1 g

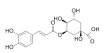


Neochlorogenic acid

(trans-5-O-Caffeoylquinic acid) Cat. No.: HY-N0722

Bioactivity: Neochlorogenic acid is a natural polyphenolic compound found in dried fruits and other plants. Neochlorogenic acid inhibits the production of **TNF-α** and **IL-1β**. Neochlorogenic acid suppresses **iNOS and COX-2** protein expression. Neochlorogenic acid also inhibits phosphorylated **NF-κB p65** and **p38 MAPK**...

Purity: 99.46%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg

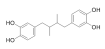


Nordihydroguaiaretic acid

(NDGA) Cat. No.: HY-N0198

Bioactivity: Nordihydroguaiaretic acid is a **5-lipoxygenase** (**5LOX**) (**IC_{50}**=8±3 μM) and tyrosine kinase inhibitor.

Purity: 99.78%
Clinical Data: Phase 2
Size: 10mM x 1mL in DMSO, 100 mg, 500 mg

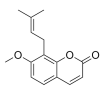


Osthole

(NSC 31868; Osthol; Ostol) Cat. No.: HY-N0054

Bioactivity: Osthole is a natural antihistamine alternative. Osthole may be a potential inhibitor of **histamine H_1 receptor** activity.

Purity: 99.90%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 250 mg, 1 g, 5 g

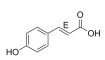


p-Coumaric acid

(trans-4-Hydroxycinnamic acid) Cat. No.: HY-N0351

Bioactivity: p-Coumaric acid is the abundant isomer of cinnamic acid which has antitumor and anti-mutagenic activities.

Purity: 99.26%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 100 mg, 1 g

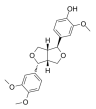


Phillygenin (Phillygenol; Epipinoresinol methyl ether; (+)-Phillygenin)

Cat. No.: HY-N0483

Bioactivity: Phillygenin is an active ingredient from Forsythia with many medicinal properties, such as antioxidant, reducing blood lipid, inhibition of low density lipoprotein oxidation. In vitro : 1) Phillygenin shows a greater inhibition on mouse B16 melanoma cells potential than vincristine. 2) phillygenin had...

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg

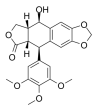


Picropodophyllin (AXL1717; Picropodophyllin; PPP)

Cat. No.: HY-15494

Bioactivity: Picropodophyllin (AXL1717) is a selective **insulin-like growth factor-1 receptor (IGF-1R)** inhibitor with an IC_{50} of 1 nM.

Purity: 99.85%
Clinical Data: Phase 3
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg, 50 mg, 100 mg

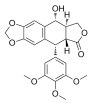


Podofilox (Podophyllotoxin)

Cat. No.: HY-15552

Bioactivity: Podofilox (Podophyllotoxin) is a potent inhibitor of microtubule assembly and DNA topoisomerase Ⅱ.

Purity: 99.79%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 100 mg, 500 mg

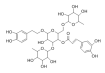


Poliumoside

Cat. No.: HY-N0033

Bioactivity: Poliumoside is a natural compound which exhibit significant inhibition of advanced glycation end product formation with IC50 values of 4.6-25.7 μM

Purity: 99.86%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 10 mg, 50 mg, 100 mg

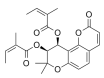


Praeruptorin B (Praeruptorin D)

Cat. No.: HY-N0082

Bioactivity: Praeruptorin B is an inhibitor of sterol regulatory element-binding proteins **(SREBPs)**.

Purity: 99.95%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg, 25 mg

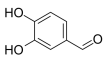


Protocatechualdehyde (Catechaldehyde; Protocatechuic aldehyde; Rancinamycin IV)

Cat. No.: HY-N0295

Bioactivity: Protocatechualdehyde (Catechaldehyde), a natural polyphenol compound isolated from the roots of radix Salviae Miltiorrhizae, is associated with a wide variety of biological activities and has been widely used in medicine as an antioxidant, anti-aging, an antibacterial and...

Purity: 99.92%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 100 mg

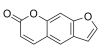


Psoralen (Ficusin; Furocoumarin)

Cat. No.: HY-N0053

Bioactivity: Psoralen(Furocoumarin) is an active ingredient from Fructus Psoraleae; has anticancer activity.

Purity: 99.84%
Clinical Data: Phase 3
Size: 10mM x 1mL in DMSO, 10 mg, 50 mg, 100 mg

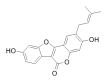


Psoralidin

Cat. No.: HY-N0232

Bioactivity: Psoralidin, a natural furanocoumarin, is isolated from Psoralea corylifolia L. possessing anti-cancer properties. IC50 value: Target: Anticancer natural compound in vitro: PSO dramatically decreased the cell viabilities in dose- and time-dependent manner. Autophagy inhibitor 3-MA blocked the...

Purity: 98.13%
Clinical Data: No Development Reported
Size: 5 mg, 10 mg

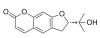


S-(+)-Marmesin ((+)-Marmesin; (S)-Marmesin)

Cat. No.: HY-N2176

Bioactivity: S-(+)-Marmesin is a natural coumarin, exhibiting **COX-2/5-LOX** dual inhibitory activity.

Purity: 99.04%
Clinical Data: No Development Reported
Size: 2 mg, 5 mg, 10 mg, 25 mg, 50 mg

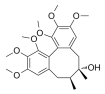


Schisandrin (Schizandrol; Schizandrol-A; Wuweizi alcohol-A; Wuweizichun-A)

Cat. No.: HY-N0691

Bioactivity: Schisandrin has various therapeutic effects on a range of medical conditions such as anti-asthmatic, anti-cancer, and anti-inflammatory effects. IC50 value: Target: in vitro: Sch inhibited the pro-fibrotic activity of TGF-β1 in AML12 cells; thus, it suppressed the accumulation of ECM proteins. Also,...

Purity: 99.62%
Clinical Data: No Development Reported
Size: 10 mg, 50 mg

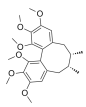


Schisandrin A

(Schizandrin-A; Wuweizisu-A; Deoxyschizandrin) Cat. No.: HY-N0693

Bioactivity: Schisandrin A inhibits **CYP3A** activity with an IC_{50} of 6.60 μM and K_i of 5.83 μM, respectively.

Purity: 99.67%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 10 mg

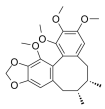


Schisandrin B

(Schizandrin-B; Wuweizisu-B; gamma-Schisandrin) Cat. No.: HY-N0089

Bioactivity: Schisandrin B(Wuweizisu-B) is a dibenzocyclooctadiene derivative isolated from Fructus Schisandrae, has been shown to produce antioxidant effect on rodent liver and heart. IC50 value: Target: in vitro: Schisandrin B exhibits anti-inflammatory activity through modulation of the...

Purity: 99.99%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 10 mg, 50 mg

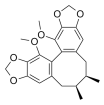


Schisandrin C

(Schizandrin-C; Wuweizisu-C) Cat. No.: HY-N0690

Bioactivity: Schisandrin C is a phytochemical lignan isolated from Schizandra chinensis Baill; shows anticancer-effects in human leukemia U937 cells.

Purity: 99.95%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 10 mg

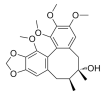


Schisandrol B

(Gomisin-A; TJN-101; Wuweizi alcohol-B) Cat. No.: HY-N0692

Bioactivity: Schisandrol B (Gomisin-A;TJN-101;Wuweizi alcohol-B) is one of its major active constituents of traditional hepato-protective Chinese medicine, Schisandra sphenanthera.

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 10 mg

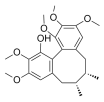


Schisanhenol

(Schizanhenol; Gomisin-K3) Cat. No.: HY-N0859

Bioactivity: Schisanhenol is a natural compound solated from Schisandra rubriflora; UGT2B7 UDP-glucuronosyltransferases inhibitor.

Purity: >98%
Clinical Data: No Development Reported
Size: 5 mg, 10 mg

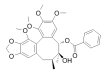


Schisantherin A

(Gomisin-C; Schizantherin-A; Wuweizi ester-A) Cat. No.: HY-N0694

Bioactivity: Schisantherin A is a dibenzocyclooctadiene lignan isolated from the fruit of Schisandra sphenanthera. Schisantherin A inhibits **p65-NF-κB** translocation into the nucleus by IκBα degradation.

Purity: 99.69%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 10 mg, 50 mg

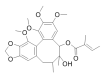


Schisantherin B

(Gomisin-B; Wuweizi ester-B; Schisantherin-B) Cat. No.: HY-N0695

Bioactivity: Schisantherin B (Gomisin-B; Wuweizi ester-B; Schisantherin-B) is a natural product.

Purity: >98%
Clinical Data: No Development Reported
Size: 5 mg, 10 mg, 50 mg

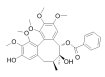


Schisantherin E

(Schizantherin-E) Cat. No.: HY-N0860

Bioactivity: Schisantherin E is a natural compound isolated from the active fraction of the fruits of Schisandra sphenanthera Rehd. et Wils.

Purity: >98%
Clinical Data: No Development Reported
Size: 5 mg, 10 mg

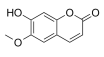


Scopoletin

(Gelseminic acid; Chrysatropic acid) Cat. No.: HY-N0342

Bioactivity: Scopoletin is an inhibitor of acetylcholinesterase (**AChE**).

Purity: 99.54%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 50 mg, 100 mg, 200 mg

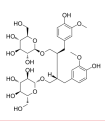


Secoisolariciresinol diglucoside

(SDG; LGM2605) Cat. No.: HY-105008

Bioactivity: Secoisolariciresinol diglucoside (SDG; LGM2605) is a non-toxic free radical scavenger and antioxidant, reduces reduces **ROS** generation. Secoisolariciresinol diglucoside enhances activatation Nrf2 signaling, inhibits **myeloperoxidase (MPO)**.

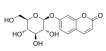
Purity: 99.95%
Clinical Data: Phase 2
Size: 10mM x 1mL in Water, 5 mg, 10 mg, 25 mg, 50 mg, 100 mg



Skimmin
(Umbelliferone glucoside) Cat. No.: HY-N2263

Bioactivity: Skimmin (Umbelliferone glucoside) is a coumarin found in Hydrangea paniculata, inhibits immune complex deposition, with anti-inflammatory activity [1].

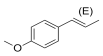
Purity: >98%
Clinical Data: No Development Reported
Size: 5 mg, 10 mg



Trans-Anethole
((E)-Anethole) Cat. No.: HY-N0367

Bioactivity: Trans-Anethole ((E)-Anethole), a phenylpropene derivative isolated from Pimpinella, shows estrogenic activity at lower concentrations and cytotoxic at higher concentrations in cancer cell lines [1] [2]. Trans-Anethole ((E)-Anethole) contributes a large component of the odor and flavor of anise...

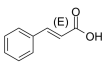
Purity: 99.70%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 100 mg



trans-Cinnamic acid
(trans-3-Phenylacrylic acid) Cat. No.: HY-N0610

Bioactivity: trans-Cinnamic acid is a natural antimicrobial, with minimal inhibitory concentration (MIC) of 250 μg/mL against fish pathogen A. sobria, SY-AS1 [1].

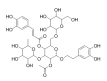
Purity: 99.91%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 100 mg



Tubuloside A
Cat. No.: HY-N2155

Bioactivity: Tubuloside A is a phenylethanoid glycoside with antioxidative effect and hepatoprotective activity.

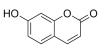
Purity: >98%
Clinical Data: No Development Reported
Size: 5 mg, 10 mg



Umbelliferone (7-Hydroxycoumarin; 7-Hydroxylcoumarin; 7-Oxycoumarin; Hydrangin; Hydrangine; NSC 19790; ...)
Cat. No.: HY-N0573

Bioactivity: Umbelliferone, a natural product of the coumarin family, is a fluorescing compound which can be used as a sunscreen agent.

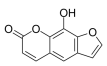
Purity: 99.00%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 100 mg



Xanthotoxol
(8-Hydroxypsoralen) Cat. No.: HY-30152

Bioactivity: Xanthotoxol is a biologically active linear furocoumarin, shows strong pharmacological activities as anti-inflammatory, antioxidant, **5-HT** antagonistic, and neuroprotective effects.

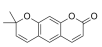
Purity: 99.15%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 10 mg, 50 mg, 100 mg



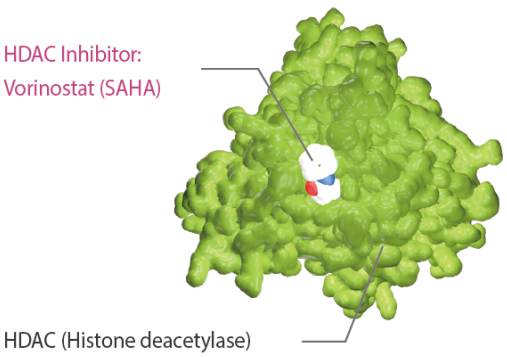
Xanthyletin
Cat. No.: HY-N4116

Bioactivity: Xanthyletin is a coumarin isolated from Citrus, with anti-tumor and anti-bacterial activities. Xanthyletin also inhibits symbiotic fungus cultivated by leaf-cutting ants [1].

Purity: >98%
Clinical Data: No Development Reported
Size: 5 mg



Quinones



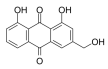
The quinones represent a class of organic compounds that are formally "derived from aromatic compounds [such as benzene or naphthalene] by conversion of an even number of -CH= groups into -C(=O)- groups with any necessary rearrangement of double bonds", resulting in "a fully conjugated cyclic dione structure". The class includes some heterocyclic compounds. A large scale industrial application of quinones is for the production of hydrogen peroxide. Natural quinones show a biological or pharmacological activity, and some of them show anti-tumoral activity. They embody some claims in herbal medicine. Some quinone derivatives are used for coloring substances (dyes and pigments) and oxidizing agents.

Aloe emodin

(Rhabarberone; 3-Hydroxymethylchrysazine) Cat. No.: HY-N0189

Bioactivity: Aloe emodin is a hydroxyanthraquinone present in Aloe vera leaves, has a specific in vitro and in vivo antitumor activity. IC50 value: Target: in vitro: aloe-emodin treatment led to the dissociation of heat shock protein 90 (HSP90) and ER α and increased ER α ubiquitination. Protein fractionation...

Purity: 97.70%
Clinical Data: No Development Reported
Size: 100 mg, 500 mg

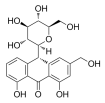


Aloin

(Aloin-A; Barbaloin-A) Cat. No.: HY-N0123

Bioactivity: Aloin(Aloin-A; Barbaloin-A) is a natural antitumor anthraquinone glycoside with iron chelating and non-atherogenic activities.

Purity: 98.78%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 50 mg, 100 mg

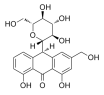


Aloin B

(Aloin-B; Isobarbaloin) Cat. No.: HY-N0886

Bioactivity: Aloin B is one isomer of Aloin; Aloin is a physiologically active anthraquinone present in aloe.

Purity: 99.69%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg

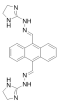


Bisantrene

(CL216942) Cat. No.: HY-100875

Bioactivity: Bisantrene is a highly effective antitumor drug, targets eukaryotic type **II topoisomerases**.

Purity: 96.35%
Clinical Data: No Development Reported
Size: 10 mg, 25 mg, 50 mg

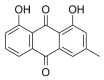


Chrysophanol

(Chrysophanic acid) Cat. No.: HY-13595

Bioactivity: Chrysophanol (Chrysophanic acid) is a natural anthraquinone, which inhibits EGF-induced phosphorylation of **EGFR** and suppresses activation of **AKT** and **mTOR**/ **p70S6K**.

Purity: 99.63%
Clinical Data: No Development Reported
Size: 50 mg, 100 mg



Coenzyme Q10

(Ubiquinone-10; CoQ10) Cat. No.: HY-N0111

Bioactivity: Coenzyme Q10 is an essential cofactor of the electron transport chain and a potent antioxidant agent.

Purity: 98.0%
Clinical Data: No Development Reported
Size: 100 mg, 200 mg, 500 mg, 1 g, 5 g

Coenzyme Q9

(Ubiquinone Q9; CoQ9; Ubiquinone 9) Cat. No.: HY-101415

Bioactivity: Coenzyme Q_9, a nine isoprenyl group-containing member of the ubiquinone family, is a normal constituent of human plasma.

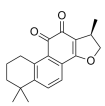
Purity: 98.0%
Clinical Data: No Development Reported
Size: 1 mg, 5 mg, 10 mg

Cryptotanshinone

(Cryptotanshinon; Tanshinone c) Cat. No.: HY-N0174

Bioactivity: Cryptotanshinone is a natural compound extracted from the root of Salvia miltiorrhiza Bunge that shows antitumor activities. Cryptotanshinone inhibits **STAT3** with an $\mathbf{IC_{50}}$ of 4.6 μM.

Purity: 98.51%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 10 mg, 50 mg

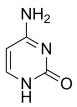


Cytosine

Cat. No.: HY-I0626

Bioactivity: Cytosine is an organic compound that belongs to the class known as pyrimidones.

Purity: 99.52%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 g

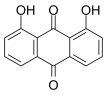


Danthron

(Dantron; Chrysazin; 1,8-Dihydroxyanthraquinone) Cat. No.: HY-B0923

Bioactivity: Danthron is a natural product extracted from the traditional Chinese medicine rhubarb. Danthron functions in regulating glucose and lipid metabolism by activating **AMPK**.

Purity: 98.0%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 100 mg

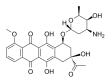


Daunorubicin

(RP 13057; Daunomycin; Rubidomycin) Cat. No.: HY-13062A

Bioactivity: Daunorubicin (RP 13057, Daunomycin, Rubidomycin) is a **topoisomerase II** inhibitor with potent antineoplastic activities. Daunorubicin inhibites **DNA and RNA synthesis** in sensitive and resistant Ehrlich ascites tumor cells.

Purity: >98%
Clinical Data: Launched
Size: 10 mg, 50 mg

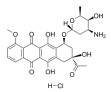


Daunorubicin Hydrochloride (RP 13057 (Hydrochloride); Daunomycin (Hydrochloride); Rubidomycin (Hydrochloride))

Cat. No.: HY-13062

Bioactivity: Daunorubicin Hydrochloride is a **topoisomerase II** inhibitor with potent antineoplastic activities. Daunorubicin Hydrochloride inhibites **DNA and RNA synthesis** in sensitive and resistant Ehrlich ascites tumor cells.

Purity: 99.27%
Clinical Data: Launched
Size: 10mM x 1mL in Water,
10 mg, 50 mg, 100 mg, 200 mg, 500 mg

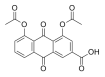


Diacerein

(Diacerhein; Diacetylrhein) Cat. No.: HY-N0283

Bioactivity: Diacerein (Diacerhein), a interleukin-1 beta inhibitor, is a slow-acting medicine of the class anthraquinone used to treat joint diseases.

Purity: 98.78%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO,
50 mg, 100 mg

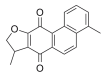


Dihydroisotanshinone I

Cat. No.: HY-B1919

Bioactivity: Dihydroisotanshinone I is a bioactive compound present in a widely used traditional Chinese medicine named danshen.

Purity: 99.61%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO,
5 mg, 10 mg, 25 mg, 50 mg

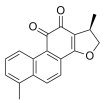


Dihydrotanshinone I

Cat. No.: HY-N0360

Bioactivity: Dihydrotanshinone I is a natural compound extracted from Salvia miltiorrhiza Bunge which has been widely used for treating cardiovascular diseases.

Purity: 99.59%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO,
10 mg, 25 mg, 50 mg



Embelin

(Embelic acid; Emberine; NSC 91874) Cat. No.: HY-17473

Bioactivity: Embelin is a cell-permeable benzoquinone compound that exhibits antitumor properties. Specifically antagonizes XIAP-mediated inhibition of caspase-9 activation by directly targeting the Smac and caspase-9 binding domain BIR3 (IC50 = 4.1 uM in a competitive binding assay with Smac peptide). IC50...

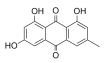
Purity: 98.75%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO,
10 mg, 50 mg

Emodin

(Frangula emodin) Cat. No.: HY-14393

Bioactivity: Emodin is a broad-spectrum anticancer agent. Emodin inhibits **casein kinase** II (CKII) activity with **IC_{50}** of 2 μM.

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO,
50 mg, 100 mg, 200 mg

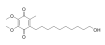


Idebenone

Cat. No.: HY-N0303

Bioactivity: Idebenone is a synthetic variant of coenzyme Q10 (CoQ10), which initially developed for the treatment of Alzheimer's disease and other cognitive defects. Target: Others Idebenone is a synthetic variant of coenzyme Q10 (CoQ10), which initially developed for the treatment of Alzheimer's disease...

Purity: 99.62%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO,
10 mg, 50 mg, 100 mg



Menadione

(Vitamin K3) Cat. No.: HY-B0332

Bioactivity: Menadione, a synthetic naphthoquinone, can be converted to active vitamin K2 in vivo. Target: Others Menadione (Vitamin K3) is a synthetic analogue of of 1,4-naphthoquinone with a methyl group in the 2-position. Menadione is used as a phosphatase inhibitor and an inhibitor of mitochondrial DNA...

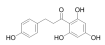
Purity: 98.57%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO,
500 mg, 1 g

Phloretin

(NSC 407292; RJC 02792) Cat. No.: HY-N0142

Bioactivity: Phloretin(NSC 407292; RJC 02792) is a dihydrochalcone, a type of natural phenols. Phloretin inhibits the active transport of glucose into cells by SGLT1 and SGLT2.

Purity: 99.70%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO,
250 mg, 500 mg

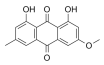


Physcion

(Parietin; Rheochrysidin) Cat. No.: HY-N0108

Bioactivity: Physcion (Parietin) is an anthraquinone isolated from traditional Chinese medicine Radix et Rhizoma Rhei, acts as an inhibitor of **6-phosphogluconate dehydrogenase**, with an IC_{50} and a K_d of 38.5 μM and 26.0 μM, respectively [1] [2]

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 10 mg, 50 mg

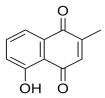


Plumbagin

(2-Methyljuglone) Cat. No.: HY-N1497

Bioactivity: Plumbagin (2-Methyljuglone) is a naphthoquinone isolated from Plumbago zeylanica L, exhibits anticancer and antiproliferative activities [1].

Purity: 99.65%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 50 mg

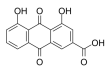


Rhein

(Rheic Acid; Rhubarb yellow; Monorhein) Cat. No.: HY-N0105

Bioactivity: Rhein is a lipophilic anthraquinone extensively found in medicinal herbs, and has many pharmacological effects, including epatoprotective, nephroprotective, anti-inflammatory, antioxidant, anticancer, and antimicrobial activities. IC50 value: Target: In vitro: Rhein (0.1 and 1...

Purity: 99.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 100 mg, 200 mg, 500 mg

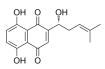


Shikonin

(C.I. 75535; Isoarnebin 4) Cat. No.: HY-N0822

Bioactivity: Shikonin is a major component of a Chinese herbal medicine named zicao. Shikonin has shown various biological activities, including inhibition of **TNF-α**, **NF-κB**, **HIV-1**.

Purity: 99.80%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 10 mg, 25 mg, 50 mg, 100 mg

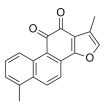


Tanshinone I

(Tanshinone A) Cat. No.: HY-N0134

Bioactivity: Tanshinone I is an inhibitor of type IIA human recombinant **sPLA$_2$** (**IC$_{50}$**=11 μM) and rabbit recombinant **cPLA$_2$** (**IC$_{50}$**=82 μM).

Purity: 98.0%
Clinical Data: Phase 4
Size: 5 mg, 10 mg, 25 mg, 50 mg, 100 mg

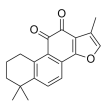


Tanshinone IIA

(Dan Shen ketone) Cat. No.: HY-N0135

Bioactivity: Tanshinone IIA (Tan IIA) is one of the main fat-soluble compositions in the root of red-rooted salvia. Tanshinone IIA may suppress angiogenesis by targeting the protein kinase domains of **VEGF**/ **VEGFR2**.

Purity: 99.07%
Clinical Data: Phase 4
Size: 10 mg, 25 mg, 50 mg

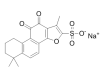


Tanshinone IIA sulfonate sodium (Sodium Tanshinone IIA sulfonate; Tanshinone IIA sodium sulfonate)

Cat. No.: HY-N1370

Bioactivity: Tanshinone IIA sulfonate (sodium) is a water-soluble derivative of tanshinone IIA, which acts as an inhibitor of store-operated Ca $^{2+}$ entry (SOCE), and is used to treat cardiovascular disorders.

Purity: 98.0%
Clinical Data: Phase 4
Size: 10 mg, 25 mg



Vitamin K1

(Phylloquinone; Phytomenadione) Cat. No.: HY-N0684

Bioactivity: Vitamin K1 a fat-soluble, naturally occurring vitamin required for blood coagulation and bone and vascular metabolism.

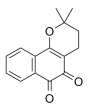
Purity: 98.0%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 1 g, 5 g

β-Lapachone

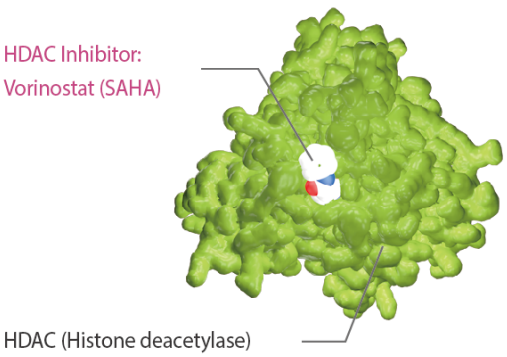
(ARQ-501; NSC-26326) Cat. No.: HY-13555

Bioactivity: β-Lapachone is a naturally occurring O-naphthoquinone, acts as a **topoisomerase I** inhibitor, and induces apoptosis by inhibiting cell cycle progression.

Purity: 99.98%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 10 mg, 50 mg, 100 mg



Flavonoids



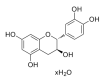
Flavonoids (or bioflavonoids) are a class of plant and fungus secondary metabolites. Chemically, flavonoids have the general structure of a 15-carbon skeleton, which consists of two phenyl rings (A and B) and heterocyclic ring (C). This carbon structure can be abbreviated C6-C3-C6. They can be classified into: flavonoids or bioflavonoids, isoflavonoids, neoflavonoids. Flavonoids are widely distributed in plants, fulfilling many functions. Flavonoids are the most important plant pigments for flower coloration, producing yellow or red/blue pigmentation in petals designed to attract pollinator animals. In higher plants, flavonoids are involved in UV filtration, symbiotic nitrogen fixation and floral pigmentation. They may also act as chemical messengers, physiological regulators, and cell cycle inhibitors. In addition, some flavonoids have inhibitory activity against organisms that cause plant diseases.

(+)-Catechin hydrate

Cat. No.: HY-N0355

Bioactivity: (+)-Catechin hydrate inhibits cyclooxygenase-1 (**COX-1**) with an **IC_{50}** of 1.4 μM.

Purity: 99.22%
Clinical Data: Phase 4
Size: 10mM x 1mL in DMSO, 100 mg

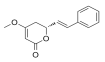


(+)-Kavain

Cat. No.: HY-B1671

Bioactivity: (+)-Kavain, a main kavalactone extracted from Piper methysticum, has anticonvulsive properties, attenuating vascular smooth muscle contraction through interactions with voltage-dependent Na^{+} and Ca^{2+} channels [1]. (+)-Kav...

Purity: 99.98%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg

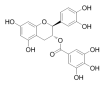


(-)-Catechin gallate

((-)-Catechin 3-gallate; (-)-Catechin 3-O-gallate) Cat. No.: HY-N0356

Bioactivity: (-)-Catechin gallate is a minor constituent in green tea catechins. (-)-Catechin gallate inhibits the activity of **COX-1** and **COX-2** enzymes.

Purity: 99.98%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg

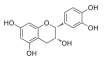


(-)-Epicatechin

((-)-Epicatechol; Epicatechin; epi-Catechin) Cat. No.: HY-N0001

Bioactivity: (-)-Epicatechin inhibits cyclooxygenase-1 (**COX-1**) with an **IC_{50}** of 3.2 μM. (-)-Epicatechin inhibits the IL-1β-induced expression of iNOS by blocking the nuclear localization of the p65 subunit of NF-κB.

Purity: 99.00%
Clinical Data: Phase 2
Size: 10mM x 1mL in DMSO, 10 mg, 50 mg, 100 mg

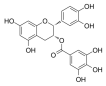


(-)-Epicatechin gallate

(ECG; Epicatechin gallate; (-)-Epicatechin 3-O-gallate) Cat. No.: HY-N0002

Bioactivity: Epicatechin gallate inhibits cyclooxygenase-1 (**COX-1**) with an **IC_{50}** of 7.5 μM.

Purity: 98.57%
Clinical Data: Phase 4
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg, 25 mg, 50 mg

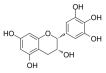


(-)-Epigallocatechin

(EGC; Epigallocatechin; l-Epigallocatechin) Cat. No.: HY-N0225

Bioactivity: (-)-Epigallocatechin (EGCG) is the most abundant flavonoid in green tea, can bind to unfolded native polypeptides and prevent conversion to amyloid fibrils.

Purity: 99.16%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg

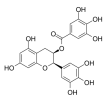


(-)-Epigallocatechin Gallate

(EGCG; Epigallocatechol Gallate) Cat. No.: HY-13653

Bioactivity: (-)-Epigallocatechin Gallate is a tea flavonoid with potent antioxidant, antiinflammatory, and anticarcinogenic properties. (-)-Epigallocatechin Gallate is reported to inhibit **EGFR** signaling and thereby exert anticancer effects.

Purity: 99.91%
Clinical Data: Phase 4
Size: 10mM x 1mL in DMSO, 50 mg, 100 mg

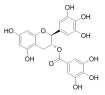


(-)-Gallocatechin gallate

((-)-Gallocatechol gallate) Cat. No.: HY-N0522

Bioactivity: (-)-Gallocatechin gallate is the polyphenol isolated from tea, with cancer-preventive activities.

Purity: 99.91%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg, 25 mg

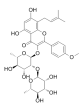


2''-O-Rhamnosylicariside II

Cat. No.: HY-N2289

Bioactivity: 2''-O-Rhamnosylicariside II is a flavonoid glycoside compound and might be beneficial for improving postmenopausal osteoporosis.

Purity: 98.85%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg

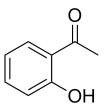


2'-Hydroxyacetophenone

(o-Hydroxyacetophenone; o-Acetylphenol) Cat. No.: HY-Y1426

Bioactivity: 2'-Hydroxyacetophenone is found in alcoholic beverages. 2'-Hydroxyacetophenone is present in tomato, cassia, fried beef, rum, whiskey, cocoa, coffee and black tea. 2'-Hydroxyacetophenone is a flavouring ingredient. Building block in chemical synthesis.

Purity: 97.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 100 mg

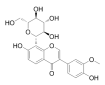


3'-Methoxypuerarin

Cat. No.: HY-N1978

Bioactivity: 3'-Methoxypuerarin (3'-MOP) is an isoflavone extracted from radix puerariae that shows neuron protection activity.

Purity: 99.75%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg

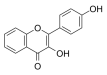


3,4'-Dihydroxyflavone

(3,4'-DHF) Cat. No.: HY-111802

Bioactivity: 3,4'-Dihydroxyflavone (3,4'-DHF) is an oral active flavonoid with antiviral activity against **Influenza A virus** [1].

Purity: 98.20%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 100 mg

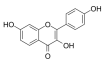


3,7,4'-Trihydroxyflavone

(5-Deoxykampferol) Cat. No.: HY-111806

Bioactivity: 3,7,4'-Trihydroxyflavone, isolated from Rhus javanica var. roxburghiana, is a flavonoid with DNA strand-scission activity [1].

Purity: >98%
Clinical Data: No Development Reported
Size: 5 mg

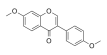


4',7-Dimethoxyisoflavone

(Dimethoxydaidzein) Cat. No.: HY-N2145

Bioactivity: 4',7-Dimethoxyisoflavone is isolated from the leaves of Albizzia lebbeck, which shows antifungal activity.

Purity: >98%
Clinical Data: No Development Reported
Size: 5 mg, 10 mg

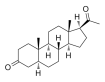


5a-Pregnane-3,20-dione

Cat. No.: HY-W006492

Bioactivity: 5a-Pregnane-3,20-dione is the endogenous progesterone metabolite.

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 100 mg

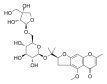


6''-O-Apiosyl-5-O-Methylvisammioside

Cat. No.: HY-N2295

Bioactivity: 6''-O-Apiosyl-5-O-Methylvisammioside is one of the components of the traditional Chinese medicine **Kang-Jing**.

Purity: 99.87%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 1 mg, 5 mg, 10 mg

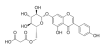


6''-O-Malonylgenistin

(Malonylgenistin; Genistin malonate) Cat. No.: HY-N0917

Bioactivity: 6''-O-Malonylgenistin(Malonylgenistin) is an isoflavone derivative.

Purity: >98%
Clinical Data: No Development Reported
Size: 5 mg, 10 mg

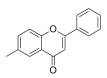


6-Methylflavone

Cat. No.: HY-N6630

Bioactivity: 6-methylflavone is an activator of $\alpha_1\beta_2\gamma_{2L}$ and $\alpha_1\beta_2$ **$GABA_A$** receptors.

Purity: 99.85%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 100 mg

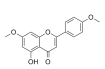


7,4'-Di-O-methylapigenin

(4',7-Dimethoxy-5-Hydroxyflavone) Cat. No.: HY-N2144

Bioactivity: The compound 7,4'-Di-O-methylapigenin may be partly responsible for the reported antifungal activity of C. zeyheri, and may serve as a potential source of lead compounds that can be developed as antifungal phytomedicines.

Purity: >98%
Clinical Data: No Development Reported
Size: 2 mg, 5 mg

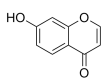


7-Hydroxy-4-chromone

(7-Hydroxychromone) Cat. No.: HY-N6596

Bioactivity: 7-Hydroxychromone is a **Src kinase** inhibitor with an **IC_{50}** of <300 μM.

Purity: 99.82%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 50 mg

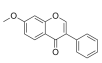


7-Methoxyisoflavone

Cat. No.: HY-N6631

Bioactivity: 7-Methoxyisoflavone is an isoflavone derivative and also an activator of adenosine monophosphate-activated protein kinase (**AMPK**).

Purity: 99.81%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 100 mg

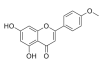


Acacetin

(5,7-Dihydroxy-4'-methoxyflavone) Cat. No.: HY-N0451

Bioactivity: 1) Natural acacetin was a 4.0-fold and 5.5-fold more potent inhibitor of BACE-1 than oleanolic acid and maslinic acid, respectively.[1] 2) Acacetin significantly suppressed the photoreceptor collapse. [1] 3) Acacetin significantly reduces the Aβ levels by interfering with human APP proteolytic...

Purity: 98.43%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg, 25 mg

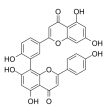


Amentoflavone

(Didemethyl-ginkgetin) Cat. No.: HY-N0662

Bioactivity: Amentoflavone is a natural biflavone compound with many biological properties, including anti-inflammatory, antioxidative, and neuroprotective effects. IC50 value: Target: In vitro: In irradiated v79 cells, Pretreatment with amentoflavone 24 hours prior to 8 Gy 60Co γ-ray irradiation...

Purity: 99.80%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg, 25 mg, 50 mg, 100 mg

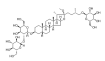


Anemarsaponin E

Cat. No.: HY-N0813

Bioactivity: Anemarsaponin E is extracted from Anemarrhena asphodeloides Bunge and has anti-inflammatory activity.

Purity: 99.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg

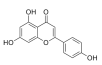


Apigenin (4',5,7-Trihydroxyflavone; Apigenol; C.I. Natural Yellow 1)

Cat. No.: HY-N1201

Bioactivity: Apigenin is a competitive **CYP2C9** inhibitor with a K_i of 2 μM.

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 10 mg, 50 mg, 100 mg, 200 mg, 500 mg

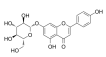


Apigenin 7-glucoside

(Apigenin-7-O-β-D-glucopyranoside; Apigetrin; Cosmosiin) Cat. No.: HY-N0578

Bioactivity: Apigenin-7-glucoside exhibits significant anti-proliferative and antioxidant activity, scavengers of ROS. In vitro: exhibits significant anti-proliferative activity against B16F10 melanoma cells after 24 and 48 h of incubation. Apigenin-7-glucoside provoks an increase of subG0/G1, S and...

Purity: 99.88%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 2 mg, 5 mg, 10 mg, 25 mg, 50 mg

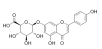


Apigenin-7-glucuronide

(Apigenin 7-O-glucuronide) Cat. No.: HY-N1454

Bioactivity: Apigenin-7-glucuronide could inhibit Matrix Metalloproteinases **(MMP)** activities, with IC_{50}s of 12.87, 22.39, 17.52, 0.27 μM for MMP-3, MMP-8, MMP-9, MMP-13, respectively.

Purity: 98.83%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg, 25 mg

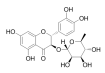


Astilbin

Cat. No.: HY-N0509

Bioactivity: Astilbin, a flavonoid compound, is isolated from the rhizome of Smilax glabra. Astilbin enhances **NRF2** activation. Astilbin also suppresses **TNF-α** expression and **NF-κB** activation.

Purity: 99.43%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 10 mg, 25 mg, 50 mg, 100 mg

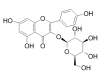


Astragalin (Astragaline; 3-Glucosylkaempferol; Kaempferol 3-β-D-glucopyranoside)

Cat. No.: HY-N0015

Bioactivity: Astragalin (kaempferol-3-O-glucoside) is a flavonoid with anti-inflammatory activity and newly found in persimmon leaves and green tea seeds.

Purity: 99.64%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg

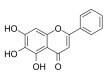


Baicalein

(5,6,7-Trihydroxyflavone) Cat. No.: HY-N0196

Bioactivity: Baicalein (5,6,7-Trihydroxyflavone) is a **xanthine oxidase** inhibitor with an IC_{50} value of 3.12 mM.

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 100 mg

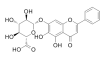


Baicalin

(Baicalein 7-O-β-D-glucuronide) Cat. No.: HY-N0197

Bioactivity: Baicalin is a flavonoid glycoside isolated from Scutellaria baicalensis. Baicalin reduces the expression of **NF-κB**.

Purity: 98.01%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 100 mg, 500 mg, 1 g, 5 g

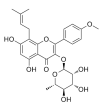


Baohuoside I

(Icariin-II; Icariside-II) Cat. No.: HY-N0011

Bioactivity: Baohuoside I, a flavonoid isolated from Epimedium koreanum Nakai, acts as an inhibitor of **CXCR4**, downregulates CXCR4 expression, induces apoptosis and shows anti-tumor activity.

Purity: 98.96%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 10 mg, 50 mg

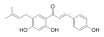


Bavachalcone

(Broussochalcone B) Cat. No.: HY-N0231

Bioactivity: Bavachalcone is a major bioactive compounds isolated from Psoralea corylifolia L.; has been widely used as traditional Chinese medicine; antibiotic or anticancer agent.

Purity: 99.85%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg

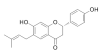


Bavachin

(Corylifolin) Cat. No.: HY-N0233

Bioactivity: Bavachin, a flavonoid first isolated from seeds of P. corylifolia, acts as a phytoestrogen that activates the estrogen receptors ERα and ERβ with **EC_{50}**s of 320 and 680 nM, respectively.

Purity: 99.56%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg, 25 mg

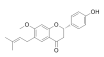


Bavachinin

(7-O-Methylbavachin; Bavachinin A) Cat. No.: HY-N0234

Bioactivity: Bavachinin(7-O-Methylbavachin) is a natural compound isolated from the Chinese herb Fructus Psoraleae;has potent anti-angiogenic activity. IC50 value: Target: in vitro: Isobavachalcone significantly inhibits both oligomerization and fibrillization of Aβ42, whereas bavachinin inhibits...

Purity: 99.62%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg

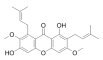


beta-Mangostin

(β-Mangostin) Cat. No.: HY-N0941

Bioactivity: beta-Mangostin is a natural product.

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg

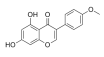


Biochanin A

(4-Methylgenistein; Olmelin) Cat. No.: HY-14595

Bioactivity: Biochanin A is a naturally occurring fatty acid amide hydrolase (**FAAH**) inhibitor, which inhibits FAAH with **IC_{50}**s of 1.8, 1.4 and 2.4 μM for mouse, rat, and human FAAH, respectively.

Purity: 98.86%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 200 mg, 500 mg

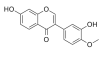


Calycosin

(Cyclosin) Cat. No.: HY-N0519

Bioactivity: Calycosin (Cyclosin) is a natural active compound with anti-oxidative and anti-inflammation activity.

Purity: 99.90%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg, 50 mg

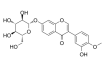


Calycosin-7-O-β-D-glucoside

Cat. No.: HY-N0520

Bioactivity: Calycosin-7-O-β-D-glucoside, a melanin biosynthesis inhibitor, is isolated from the methanol extract of astragalus. IC50 value: 68 μM in inhibition of Tyrosinase Target: In vitro: Calycosin-7-O-β-d-glucoside showed a melanin biosynthesis inhibition zone in a culture plate of Streptomyces...

Purity: 98.71%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 10 mg, 50 mg

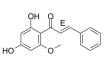


Cardamonin

(Alpinetin chalcone; Cardamomin) Cat. No.: HY-N1378

Bioactivity: Cardamonin is a novel antagonist of **hTRPA1** cation channel with an **IC_{50}** of 454 nM.

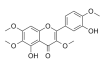
Purity: 98.03%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg, 25 mg, 50 mg, 100 mg



Casticin
(Vitexicarpin) Cat. No.: HY-N0516

Bioactivity: Casticin is a methyoxylated flavonol isolated from Viticis Fructus, with antimitotic and anti-inflammatory effect. Casticin inhibits the activation of **STAT3**.

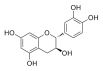
Purity: 98.44%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg, 25 mg



Catechin
((+)-Catechin; Cianidanol; Catechuic acid) Cat. No.: HY-N0898

Bioactivity: Catechin inhibits cyclooxygenase-1 (**COX-1**) with an **IC_{50}** of 1.4 μM.

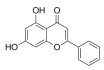
Purity: 99.0%
Clinical Data: Phase 4
Size: 10mM x 1mL in DMSO, 10 mg, 50 mg, 100 mg



Chrysin
(5,7-Dihydroxyflavone) Cat. No.: HY-14589

Bioactivity: Chrysin is one of the most well known **estrogen** blockers.

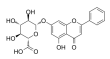
Purity: 99.22%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 1 g



Chrysin-7-O-glucuronide
Cat. No.: HY-N2376

Bioactivity: Chrysin-7-O-glucuronide is a flavonoid extracted from Scutellaria baicalensis, with antioxidant activity [1].

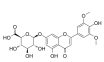
Purity: 99.31%
Clinical Data: No Development Reported
Size: 5 mg



Chrysin-7-O-β-D-glucuronide
Cat. No.: HY-111812

Bioactivity: Chrysin-7-O-β-D-glucuronide is a flavonoid [1].

Purity: >98%
Clinical Data: No Development Reported
Size:



Cirsiliol
Cat. No.: HY-110399

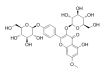
Bioactivity: Cirsiliol is a potent and selective **5-lipoxygenase** inhibitor and a competitive low affinity benzodiazepine receptor ligand.

Purity: >98%
Clinical Data: No Development Reported
Size: 250 mg, 500 mg

Complanatuside
Cat. No.: HY-N1444

Bioactivity: Complanatuside is a flavonoid found in the traditional Chinese medicine Semen Astragali Complanati.

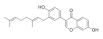
Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg



Corylifol A
(Corylifol-A; Corylinin) Cat. No.: HY-N0897

Bioactivity: Corylifol A inhibits IL-6-induced **STAT3** activation and phosphorylation, with an **IC_{50}** of 0.81 μM.

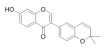
Purity: 99.75%
Clinical Data: No Development Reported
Size: 5 mg, 10 mg



Corylin
Cat. No.: HY-N0236

Bioactivity: Corylin is a major bioactive compound isolated from Psoralea corylifolia L; antibiotic or anticancer compound.

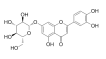
Purity: 99.72%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg



Cynaroside
(Luteolin 7-glucoside; Luteolin 7-O-β-D-glucoside) Cat. No.: HY-N0540

Bioactivity: Cynaroside is a flavone, a flavonoid-like chemical compound. It is a 7-O-glucoside of luteolin.

Purity: 97.66%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg, 25 mg, 50 mg, 100 mg

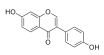


Daidzein

Cat. No.: HY-N0019

Bioactivity: Daidzein is a soy isoflavone, which acts as a **PPAR** activator.

Purity: 99.66%
Clinical Data: Phase 4
Size: 10mM x 1mL in DMSO, 500 mg, 1 g, 5 g, 10 g

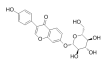


Daidzin

(Daidzoside; NPI-031D; Daidzein 7-O-glucoside) Cat. No.: HY-N0018

Bioactivity: Daidzin is an isoflavone that has anti-oxidant, anti-carcinogenic, and anti-atherosclerotic activities; directly inhibits mitochondrial aldehyde dehydrogenase 2 (IC50 = 80 nM) and is an effective anti-dipsotropic isoflavone.

Purity: 99.04%
Clinical Data: Phase 1
Size: 10mM x 1mL in DMSO, 10 mg, 50 mg, 100 mg, 200 mg, 500 mg

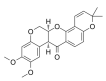


Deguelin

((-)-Deguelin; (-)-cis-Deguelin) Cat. No.: HY-13425

Bioactivity: Deguelin, a naturally occurring rotenoid, is a potent **PI3K/AKT** inhibitor.

Purity: 99.56%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg, 50 mg

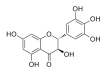


Dihydromyricetin

(Ampeloptin; Ampelopsin) Cat. No.: HY-N0112

Bioactivity: Dihydromyricetin is a potent inhibitor with an IC_{50} of 48 μM on **dihydropyrimidinase**. Dihydromyricetin can activate autophagy through inhibiting **mTOR** signaling. Dihydromyricetin suppresses the formation of mTOR complexes (**mTORC1**/ **2**).

Purity: 99.54%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg, 50 mg, 100 mg

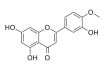


Diosmetin

Cat. No.: HY-N0125

Bioactivity: Diosmetin is a natural flavonoid which inhibits human **CYP1A** enzyme activity with an IC_{50} of 40 μM in HepG2 cell.

Purity: 99.88%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 50 mg, 100 mg, 200 mg

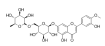


Diosmin

Cat. No.: HY-N0178

Bioactivity: Diosmin is a flavonoid found in a variety of citrus fruits and also an agonist of the **aryl hydrocarbon receptor** (**AhR**).

Purity: 98.0%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 50 mg

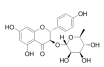


Engeletin

Cat. No.: HY-N0436

Bioactivity: Engeletin is a flavanonol glycoside isolated from hymenaea martiana, inhibits **NF-κB** signaling-pathway activation, and possesses anti-inflammatory, analgesic, diuresis, detumescence, and antibiosis effects.

Purity: 98.88%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg, 25 mg, 50 mg, 100 mg



Enocyanin

Cat. No.: HY-114336

Bioactivity: Enocyanin is an anthocyanin extracted from grapes. Enocyanin shows inhibitory effect on the leucine aminopeptidase, acid phosphatase, γ-glutamyl transpeptidase and esterase activity [1].

Purity: >98%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 100 mg

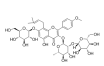
Enocyanin

Epimedin A

Cat. No.: HY-N0257

Bioactivity: Epimedin A is a natural compound extracted from Herba Epimedii.

Purity: 99.43%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg, 50 mg

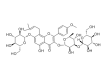


Epimedin A1

(Hexandraside F) Cat. No.: HY-N0258

Bioactivity: Epimedin A1 is a flavonoid extracted from Herba Epimedii which is one of commonly used Chinese medicines.

Purity: 99.88%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg

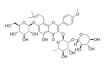


Epimedin B

Cat. No.: HY-N0259

Bioactivity: Epimedin B, a component extracted from Epimedii Folium, is reported to have antiosteoporotic activity.

Purity: 99.32%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg, 50 mg



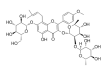
Epmedin C

(Epimedin-C; Baohuoside-VI)

Cat. No.: HY-N0260

Bioactivity: Epmedin C, a natural product, has estrogen-like effects for ovariectomized mice.

Purity: >98%
Clinical Data: No Development Reported
Size: 5 mg, 10 mg, 50 mg



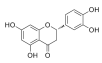
Eriodictyol

(Huazhongilexone)

Cat. No.: HY-N0637

Bioactivity: Eriodictyol is a flavonoid isolated from the Chinese herb, with antioxidant and anti-inflammatory activity. Eriodictyol induces **Nrf2** signaling pathway.

Purity: 99.98%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg

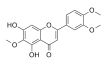


Eupatilin

Cat. No.: HY-N0783

Bioactivity: Eupatilin, a lipophilic flavonoid isolated from Artemisia species, is a **PPARα** agonist, and possesses anti-apoptotic, anti-oxidative and anti-inflammatory activities.

Purity: 99.01%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg, 25 mg, 50 mg

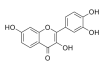


Fisetin

Cat. No.: HY-N0182

Bioactivity: Fisetin is a natural flavonol found in many fruits and vegetables with various benefits, such as antioxidant, anticancer, neuroprotection effects.

Purity: 98.02%
Clinical Data: Phase 2
Size: 10mM x 1mL in DMSO, 100 mg, 500 mg, 1 g



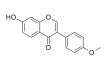
Formononetin

(Biochanin B; Flavosil; Formononetol)

Cat. No.: HY-N0183

Bioactivity: Formononetin (Formononetol; Flavosil) is a bioactive component extracted from the red clover; inhibits the proliferation of DU-145/PC-3 cells in a dose-dependent manner.

Purity: 99.69%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 10 mg, 50 mg, 100 mg, 200 mg, 500 mg



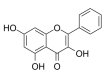
Galangin

(Norizalpinin; 3,5,7-Trihydroxyflavone)

Cat. No.: HY-N0382

Bioactivity: Galangin is an agonist/antagonist of the arylhydrocarbon receptor, and also shows inhibition of **CYP1A1** activity.

Purity: 99.96%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 10 mg, 25 mg, 50 mg, 100 mg



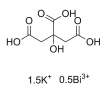
Gastrodenol

(Bismuth tripotassium dicitrate; Bismuth subcitrate)

Cat. No.: HY-B0796

Bioactivity: Gastrodenol(Bismuth tripotassium dicitrate; De-Noltab)is a mineral that is used in treating ulcers and upset stomach.

Purity: 95.0%
Clinical Data: Phase 4
Size: 10mM x 1mL in DMSO, 1 g, 5 g



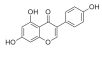
Genistein

(NPI 031L)

Cat. No.: HY-14596

Bioactivity: Genistein, a soy isoflavone, is a multiple **tyrosine kinases** inhibitor which acts as a chemotherapeutic agent against different types of cancer, mainly by altering apoptosis, the cell cycle, and angiogenesis and inhibiting metastasis.

Purity: 99.68%
Clinical Data: Phase 4
Size: 10mM x 1mL in DMSO, 100 mg, 500 mg

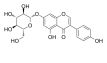


Genistin (Genistine; Genistoside; Genistein 7-O-β-D-glucopyranoside)

Cat. No.: HY-N0595

Bioactivity: Genistin is the major isoflavonoid of soybeans and soy products.

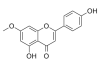
Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg, 50 mg, 100 mg, 200 mg



Genkwanin
(Puddumetin) Cat. No.: HY-N0731

Bioactivity: Genkwanin is a major non-glycosylated flavonoid with anti-flammatory activities.

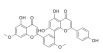
Purity: 99.82%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg, 50 mg



Ginkgetin
Cat. No.: HY-N0889

Bioactivity: Ginkgetin is a natural biflavonoid isolated from leaves of Ginkgo biloba L; effects of anti-inflammation and anticancer have been reported. IC50 value: Target: in vitro: Ginkgetin inhibits COX-2 dependent phases of prostaglandin D(2) (PGD(2)) generation in bone marrow-derived mast cells (BMMC) in a...

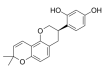
Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg



Glabridin
Cat. No.: HY-N0393

Bioactivity: Glabridin is a natural isoflavan from Glycyrrhiza glabra, binds to and activates **PPARγ**, with an $\mathbf{EC_{50}}$ of 6115 nM. Glabridin exhibits antioxidant, anti-bacterial, anti-nephritic, anti-diabetic, anti-fungal, antitumor, anti-inflammatory, antiosteoporotic, cardiovascular protective, neuroprotective...

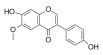
Purity: 99.98%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 10 mg



Glycitein
(Glycetein) Cat. No.: HY-N0016

Bioactivity: Glycitein is a soybean (yellow cultivar) isoflavonoid; used in combination with other isoflavonoids such as genistein and daidzein to study apoptosis and anti-oxidation processes.

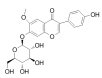
Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg



Glycitin
(Glycitein 7-O-β-glucoside) Cat. No.: HY-N0012

Bioactivity: Glycitin is a natural isoflavone isolated from legumes; promotes the proliferation of bone marrow stromal cells and osteoblasts and suppresses bone turnover.

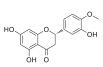
Purity: 99.42%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg, 25 mg, 50 mg



Hesperetin
Cat. No.: HY-N0168

Bioactivity: Hesperetin is a natural flavanone, and acts as a potent and broad-spectrum inhibitor against human **UGT** activity.

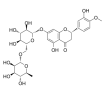
Purity: 98.04%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 50 mg



Hesperidin
(Hesperetin 7-rutinoside) Cat. No.: HY-15337

Bioactivity: Hesperidin (HP) is a bioflavonoid that plays a role in plant defense and is abundant in citrus species, such as grapefruit, lemon and orange. Hesperidin is used effectively as a supplemental agent in complementary therapy protocols, since it possesses biological and pharmacological properties as an...

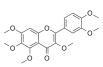
Purity: 97.00%
Clinical Data: Phase 3
Size: 10mM x 1mL in DMSO, 10 mg, 50 mg, 100 mg, 200 mg, 500 mg, 1 g



Hexamethylquercetagetin (Hexa-O-methylquercetagetin; Quercetagetin hexamethyl ether; ...)
Cat. No.: HY-N4308

Bioactivity: Hexamethylquercetagetin is a polymethoxylated flavone in peels of citrus cultivars.

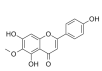
Purity: >98%
Clinical Data: No Development Reported
Size: 5 mg



Hispidulin
(Dinatin) Cat. No.: HY-N1950

Bioactivity: Hispidulin is a natural flavone with a broad spectrum of biological activities. Hispidulin is a Pim-1 inhibitor with an $\mathbf{IC_{50}}$ of 2.71 μM.

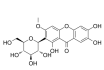
Purity: 99.33%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg, 25 mg, 50 mg



Homomangiferin
Cat. No.: HY-111811

Bioactivity: Homomangiferin, isolated from the leaves of M. indica L., is mangiferin monomethyl ether. Homomangiferin has important medicinal properties and is widely used to relieve many symptoms, for example coughing and asthma [1].

Purity: >98%
Clinical Data: No Development Reported
Size:

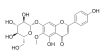


Homoplantaginin

Cat. No.: HY-N1949

Bioactivity: Homoplantaginin is a flavonoid from a traditional Chinese medicine Salvia plebeia with antiinflammatory and antioxidant properties. Homoplantaginin could inhibit **TNF-α** and **IL-6** mRNA expression, **IKKβ** and **NF-κB** phosphorylation.

Purity: 99.81%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO,
5 mg, 10 mg, 25 mg, 50 mg



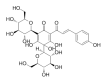
Hydroxysafflor yellow A

(Safflomin A; HSYA)

Cat. No.: HY-N0567

Bioactivity: Hydroxysafflor yellow A is a flavonoid derived and isolated from traditional Chinese medicine Carthamus tinctorius L., possesses anti-tumor activity.

Purity: 98.05%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO,
10 mg, 50 mg



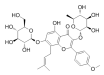
Icariin

(Ieariline)

Cat. No.: HY-N0014

Bioactivity: Icariin is a flavonol glycoside. Icariin inhibits **PDE5** and **PDE4** activities with **IC_{50}**s of 432 nM and 73.50 μM, respectively. Icariin also is a **PPARα** activator.

Purity: 98.75%
Clinical Data: Phase 3
Size: 10mM x 1mL in DMSO,
100 mg, 200 mg, 500 mg



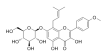
Icariside I

(Icarisid I)

Cat. No.: HY-N1939

Bioactivity: Icariside I is a metabolite of Icarlin, which could regulate bone remodeling and is recognized as an effective agent for the treatment of osteoporosis.

Purity: 98.36%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO,
5 mg, 10 mg, 25 mg



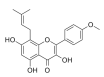
Icaritin

(Anhydroicaritin)

Cat. No.: HY-N0678

Bioactivity: Icaritin(Anhydroicaritin) is a component of Epimedium flavonoid isolated from Herba Epimedii; enhances osteoblastic differentiation of mesenchymal stem cells (MSCs) while it inhibits adipogenic differentiation of MSCs by inhibiting PPAR-g pathway. IC50 value: Target: in vitro: Icaritin was...

Purity: 98.81%
Clinical Data: Phase 2
Size: 10mM x 1mL in DMSO,
5 mg, 10 mg



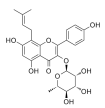
IKarisoside A

(Icarisoside-A; Baohuoside II)

Cat. No.: HY-N0875

Bioactivity: IKarisoside A(Icarisoside-A) is a natural compound isolated from Epimedium koreanum (Berberidaceae); has anti-inflammatory properties.

Purity: 99.27%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO,
5 mg



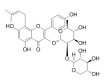
Ikarisoside F

(Ikarisoside-F; Icarisoside-F)

Cat. No.: HY-N0861

Bioactivity: Ikarisoside F is a flavonol glycoside from Vancouveria hexandra; could bind to AdoHcy hydrolase.

Purity: >98%
Clinical Data: No Development Reported
Size: 5 mg, 10 mg

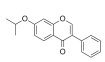


Ipriflavone

Cat. No.: HY-N0094

Bioactivity: Ipriflavone is a synthetic isoflavone derivative used to suppress bone resorption.

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO,
1 g, 5 g



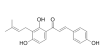
Isobavachalcone

(Corylifolinin; Isobacachalcone)

Cat. No.: HY-13065

Bioactivity: Isobavachalcone(Corylifolinin) is a chalcone constituent of Angelica keiskei, induces apoptosis in neuroblastoma. IC50 value: Target: Isobavachalcone inhibits platelet aggregation. Inhibitor of Epstein-Barr virus early antigen (EBV-EA) induction. Isobavachalcone exhibits potent inhibitory effect...

Purity: 99.21%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO,
5 mg, 10 mg, 25 mg

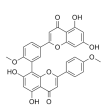


Isoginkgetin

Cat. No.: HY-N2117

Bioactivity: Isoginkgetin is a MMP-9 inhibitor, also a Pre-mRNA Splicing Inhibitor with IC 50 of 30 uM. target : MMP-9 [1], Pre-mRNA Splicing [2] IC 50: 30 u M (Pre-mRNA Splicing) In vitro: Isoginkgetin inhibits HT1080 tumor cell invasion substantially. Isoginkgetin is also quite effective in...

Purity: 99.59%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO,
5 mg, 10 mg

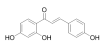


Isoliquiritigenin

(GU17; ISL; Isoliquiritigen) Cat. No.: HY-N0102

Bioactivity: Isoliquiritigenin is an anti-tumor flavonoid from the root of Glycyrrhiza glabra, which inhibits **aldose reductase** with an IC_{50} of 320 nM.

Purity: 98.24%
Clinical Data: Phase 1
Size: 10mM x 1mL in DMSO, 10 mg, 50 mg, 100 mg, 200 mg

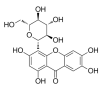


Isomangiferin

Cat. No.: HY-N0772

Bioactivity: Isomangiferin, a natural product, is reported to have antiviral activity.

Purity: 99.85%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg

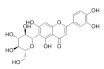


Isoorientin

(Homoorientin) Cat. No.: HY-N0767

Bioactivity: Isoorientin is a potent inhibitor of **COX-2** with an IC_{50} value of 39 μM.

Purity: 99.24%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 1 mg, 5 mg, 10 mg, 25 mg, 50 mg

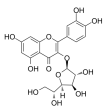


Isoquercitrin

(Isoquercitroside; Isoquercetin) Cat. No.: HY-N0768

Bioactivity: Isoquercitrin is an effective antioxidant and an eosinophilic inflammation suppressor.

Purity: 99.97%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 10 mg, 50 mg, 100 mg

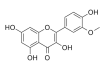


Isorhamnetin

(3'-Methylquercetin) Cat. No.: HY-N0776

Bioactivity: Isorhamnetin is a flavonoid compound extracted from the Chinese herb Hippophae rhamnoides L.. Isorhamnetin suppresses skin cancer through direct inhibition of **MEK1** and **PI3K**.

Purity: 98.00%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg, 25 mg, 50 mg

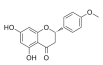


Isosakuranetin

Cat. No.: HY-N2131

Bioactivity: Isosakuranetin is a flavanone flavonoid which can be found in the fruit of Citrus bergamia.

Purity: 98.17%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg, 25 mg

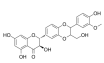


Isosilybin

(Isosilybinin) Cat. No.: HY-N0779

Bioactivity: Isosilybin (Isosilybinin) is a flavonoid from milk thistle; inhibits **CYP3A4** induction with an IC_{50} of 74 μM.

Purity: 98.97%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 1 mg, 5 mg, 10 mg, 25 mg

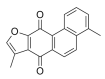


Isotanshinone I

Cat. No.: HY-N6649

Bioactivity: Isotanshinone I has inhibitory activity against **α-glucosidase** and formation of **AGE**, with IC_{50}**s** of 1.13, 0.432 μM for α-glucosidase and AGE, respectively.

Purity: >98%
Clinical Data: No Development Reported
Size: 5 mg

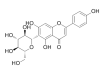


Isovitexin

(Saponaretin; Homovitexin) Cat. No.: HY-N0773

Bioactivity: Isovitexin is a flavonoid isolated from rice hulls of Oryza sativa, possesses anti-inflammatory and anti-oxidant activities; Isovitexin acts like a **JNK1/2** inhibitor and inhibits the activation of **NF-κB**.

Purity: 98.94%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg, 25 mg

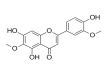


Jaceosidin

Cat. No.: HY-N0831

Bioactivity: Jaceosidin is a flavonoid isolated from Artemisia vestita, induces apoptosis in cancer cells, activates **Bax** and down-regulates Mcl-1 and c-FLIP expression [1]. Jaceosidin exhibits anti-cancer [2], anti-inflammatory activiti...

Purity: 99.99%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 1 mg, 5 mg, 10 mg, 25 mg

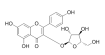


Juglanin

Cat. No.: HY-N3442

Bioactivity: Juglanin is a **JNK** activator.

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 1 mg, 5 mg



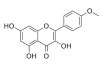
Kaempferide

(Kaempferol 4'-O-methyl ether)

Cat. No.: HY-15449

Bioactivity: Kaempferide is an O-methylated flavonol, a type of chemical compound. It can be found in Kaempferia galanga (aromatic ginger). The enzyme kaempferol 4'-O-methyltransferase uses S-adenosyl-L-methionine and kaempferol to produce S-adenosyl-L-homocysteine and kaempferide. P-glycoproteins.

Purity: 98.50%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg, 50 mg



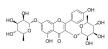
Kaempferitrin

(Lespedin; Lespenephryl)

Cat. No.: HY-N0628

Bioactivity: Kaempferitrin is a natural flavonoid, possesses antinociceptive, anti-inflammatory, anti-diabetic, antitumoral and chemopreventive effects, and activates **insulin** signaling pathway.

Purity: >98%
Clinical Data: No Development Reported
Size: 1 mg, 5 mg, 10 mg



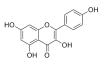
Kaempferol

(Robigenin; Kempferol)

Cat. No.: HY-14590

Bioactivity: Kaempferol inhibits **estrogen receptor α** expression in breast cancer cells and induces apoptosis in glioblastoma cells and lung cancer cells by activation of MEK-MAPK.

Purity: 99.47%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 50 mg, 100 mg, 200 mg, 500 mg



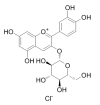
Kuromanin chloride

(Chrysontemin; Cyanidin 3-O-glucoside chloride)

Cat. No.: HY-N0640

Bioactivity: Kuromanin (chloride), extracted from mulberry leaves, has been shown to improve blood glucose concentrations and lipid homeostasis and to reduce obesity.

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 2 mg, 5 mg, 10 mg, 25 mg

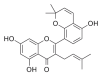


Kuwanon A

Cat. No.: HY-N2300

Bioactivity: Kuwanon A is a flavone derivative isolated from the root barks of the mulberry tree (Morus alba L.); inhibits nitric oxide production with an IC_{50} of 10.5 μM.

Purity: 96.30%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 2 mg, 5 mg, 10 mg, 25 mg



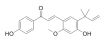
Licochalcone A

(Licochalcone-A)

Cat. No.: HY-N0372

Bioactivity: Licochalcone A, a flavonoid isolated from the famous Chinese medicinal herb Glycyrrhiza uralensis Fisch, presents obvious anti-cancer effects. The IC50 value is 0.97 μM for UGT1A1.

Purity: 99.72%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg, 50 mg, 100 mg

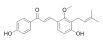


Licochalcone C

Cat. No.: HY-N0374

Bioactivity: Licochalcone C could inhibit **α-glucosidase**, with IC_{50}s of <100 nM and 92.43 μM for α-glucosidase and protein tyrosine phosphatase 1B (PTP1B), respectively.

Purity: >98%
Clinical Data: No Development Reported
Size: 1 mg, 5 mg



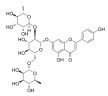
Ligustroflavone

(Nuezhenoside)

Cat. No.: HY-N0546

Bioactivity: Ligustroflavone, extracted from Ligustrum lucidum, is a potential candidate as **calcium-sensing receptor (CaSR)** antagonist. Ligustroflavone exhibits protective effects against diabetic osteoporosis in mice [1].

Purity: >98%
Clinical Data: No Development Reported
Size:



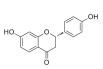
Liquiritigenin

(4',7-Dihydroxyflavanone)

Cat. No.: HY-N0377

Bioactivity: Liquiritigenin, a flavanone isolated from Glycyrrhiza uralensis, is a highly selective estrogen receptor β (**ERβ**) agonist with an EC_{50} of 36.5 nM for activation of the ERE tk-Luc.

Purity: 99.49%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg, 50 mg

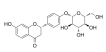


Liquiritin

Cat. No.: HY-N0376

Bioactivity: Liquiritin is a flavonoid isolated from Glycyrrhiza, acts as an antioxidant and has neuroprotective, anti-cancer and anti-inflammatory activity [1] [2].

Purity: 98.07%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg, 25 mg, 50 mg, 100 mg

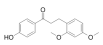


Loureirin A

Cat. No.: HY-N1505

Bioactivity: Loureirin A is a flavonoid extracted from Dragon's Blood, can inhibit **Akt** phosphorylation, and has antiplatelet activity.

Purity: 99.76%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg

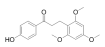


Loureirin B

Cat. No.: HY-N1504

Bioactivity: Loureirin B, a flavonoid extracted from **Dracaena cochinchinensis**, is an inhibitor of plasminogen activator inhibitor-1 **(PAI-1)**, with an IC_{50} of 26.10μM; Loureirin B also inhibits $\mathbf{K_{ATP}}$, the phosphorylation of **ERK** and **JNK**

Purity: 99.99%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg



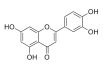
Luteolin

(Luteolol; Digitoflavone; Luteoline)

Cat. No.: HY-N0162

Bioactivity: Luteolin (Luteolol) is a falconoid compound, which exhibits anticancer properties.

Purity: 98.14%
Clinical Data: Phase 2
Size: 10mM x 1mL in DMSO, 10 mg, 50 mg, 100 mg, 500 mg



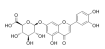
Luteolin 7-O-glucuronide

(Luteolin 7-glucuronide)

Cat. No.: HY-N1463

Bioactivity: Luteolin 7-O-glucuronide could inhibit Matrix Metalloproteinases **(MMP)** activities, with **IC_{50}s** of 17.63, 7.99, 11.42, 12.85, 0.03 μM for MMP-1, MMP-3, MMP-8, MMP-9, MMP-13, respectively.

Purity: >98%
Clinical Data: No Development Reported
Size: 5 mg, 10 mg, 25 mg

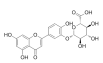


Luteolin-3-O-beta-D-glucuronide

Cat. No.: HY-N4099

Bioactivity: Luteolin-3-O-beta-D-glucuronide is a luteolin glucosiduronic acid consisting of luteolin having a beta-D-glucosiduronic acid residue attached at the 3'-position.

Purity: >98%
Clinical Data: No Development Reported
Size: 5 mg, 10 mg

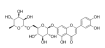


Luteolin-7-rutinoside

Cat. No.: HY-N6647

Bioactivity: Luteolin-7-rutinoside has both anti-arthritic and antifungal activities, can result in a combination therapy for the treatment of fungal arthritis due to C. albicans infection.

Purity: >98%
Clinical Data: No Development Reported
Size: 1 mg

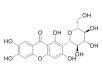


Mangiferin

Cat. No.: HY-N0290

Bioactivity: Mangiferin is a **Nrf2** activator. Mangiferin suppresses nuclear translocation of the **NF-κB** subunits **p65** and **p50**.

Purity: 99.84%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 10 mg, 50 mg, 100 mg



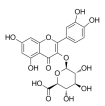
Miquelianin

(Quercetin 3-O-glucuronide; Quercetin 3-glucuronide)

Cat. No.: HY-13930

Bioactivity: Miquelianin (Quercetin 3-O-glucuronide) is a metabolite of quercetin and a type of natural flavonoid.

Purity: 99.70%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 1 mg, 5 mg, 10 mg, 25 mg, 50 mg



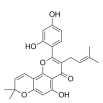
Morusin

(Mulberrochromene)

Cat. No.: HY-N0622

Bioactivity: Morusin is a prenylated flavonoid isolated from M. australis with various biological activities, such as antitumor, antioxidant, and anti-bacteria property. Morusin could inhibit **NF-κB** and **STAT3** activity.

Purity: 99.08%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 2 mg, 5 mg, 10 mg, 25 mg

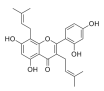


Mulberrin
(Kuwanon C)

Cat. No.: HY-N3513

Bioactivity: Mulberrin is a strong inhibitor of organic anion-transporting polypeptide 2B1 (OATP2B1)-mediated estrone-3-sulfate (E3S) uptake with an IC_{50} value being 1.8±1.5 μM.

Purity: >98%
Clinical Data: No Development Reported
Size: 5 mg, 10 mg, 25 mg

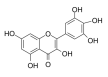


Myricetin
(Cannabiscetin)

Cat. No.: HY-15097

Bioactivity: Myricetin is a common plant-derived flavonoid with a wide range of activities including strong anti-oxidant, anticancer, antidiabetic and anti-inflammatory activities.

Purity: 99.41%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 50 mg, 100 mg, 200 mg, 500 mg

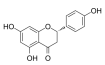


Naringenin

Cat. No.: HY-N0100

Bioactivity: Naringenin is the predominant flavanone in grapefruit; displays strong anti-inflammatory and antioxidant activities.

Purity: 98.72%
Clinical Data: Phase 1
Size: 10mM x 1mL in DMSO, 100 mg, 500 mg, 1 g, 5 g

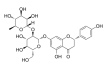


Naringin
(Naringoside)

Cat. No.: HY-N0153

Bioactivity: Naringin is a major flavanone glycoside obtained from tomatoes, grapefruits, and many other citrus fruits. Naringin exhibits biological properties such as antioxidant, anti-inflammatory, and antiapoptotic activities.

Purity: 99.79%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 200 mg, 10 g

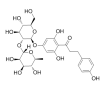


Naringin Dihydrochalcone
(Naringin DC)

Cat. No.: HY-N0119

Bioactivity: Naringin Dihydrochalcone is an artificial sweetener derived from naringin. Naringin is a major flavanone glycoside obtained from tomatoes, grapefruits, and many other citrus fruits. Naringin exhibits biological properties such as antioxidant, anti-inflammatory, and antiapoptotic activities....

Purity: 99.63%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 100 mg, 500 mg, 1 g, 5 g

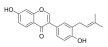


Neobavaisoflavone

Cat. No.: HY-N0720

Bioactivity: Neobavaisoflavone, an isoflavone isolated from Psoralea corylifolia, has striking anti-inflammatory and anti-cancer effects. IC50 value: 42.93 μM (toward CCRF-CEM cells); 114.64 μM [against HCT116 (p53(+/+)) cells] [2] Target: In vitro: In the cancer cells, neobavaisoflavone sensitizes human U373MG...

Purity: 99.96%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg

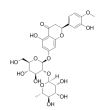


Neohesperidin
(Hesperetin 7-O-neohesperidoside)

Cat. No.: HY-N0101

Bioactivity: Neohesperidin is a flavonoid compound found in high amounts in Poncirus trifoliata with anti-oxidant and anti-inflammatory effects.

Purity: 95.10%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 50 mg, 100 mg, 500 mg, 1 g, 5 g

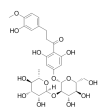


Neohesperidin dihydrochalcone
(Neohesperidin DC; NHDC)

Cat. No.: HY-N0154

Bioactivity: Neohesperidin dihydrochalcone is a synthetic glycoside chalcone, is added to various foods and beverages as a low caloric artificial sweetener.

Purity: 98.04%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 100 mg, 500 mg, 1 g, 5 g

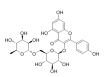


Nicotiflorin

Cat. No.: HY-N1475

Bioactivity: Nicotiflorin is a flavonoid glycoside extracted from a traditional Chinese medicine Flos Carthami. Nicotiflorin shows potent **antiglycation** activity and neuroprotection effects.

Purity: >98%
Clinical Data: No Development Reported
Size: 5 mg, 10 mg

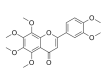


Nobiletin

Cat. No.: HY-N0155

Bioactivity: Nobiletin is a citrus flavonoid with anti-inflammatory, anti-cancer, cholesterol lowering, memory protection activities.

Purity: 99.04%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg, 50 mg, 100 mg

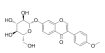


Ononin

(Ononoside; Formononetin 7-O-β-D-glucopyranoside) Cat. No.: HY-N0270

Bioactivity: Ononin is an isoflavonoid, is an additional growth inhibitor in soils associated with the weed, Pluchea lanceolata.

Purity: 99.96%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 10 mg, 50 mg, 100 mg

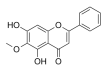


Oroxylin A

(Baicalein 6-methyl ether; 6-Methoxybaicalein) Cat. No.: HY-N0560

Bioactivity: Oroxylin A is a natural active flavonoid with strong anticancer effects. IC50 value: Target: In vitro: Oroxylin A suppressed the MDM2-mediated degradation of p53 via downregulating MDM2 transcription in wt-p53 cancer cells [1]. Oroxylin A remarkably reduced the generation of lactate and...

Purity: 99.90%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg

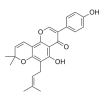


Osajin

(CID 95168; NSC 21565) Cat. No.: HY-N3125

Bioactivity: Osajin is the major bioactive isoflavone present in the fruit of Maclura pomifera with antitumor, antioxidant and anti-inflammatory activities.

Purity: >98%
Clinical Data: No Development Reported
Size: 5 mg

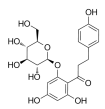


Phlorizin

(Floridzin; NSC 2833) Cat. No.: HY-N0143

Bioactivity: Phlorizin is a non-selective **SGLT** inhibitor with $\mathbf{K_i}$s of 300 and 39 nM for **hSGLT1** and **hSGLT2**, respectively. Phlorizin is also a **Na^+/K^+-ATPase** inhibitor.

Purity: 95.33%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 1 g, 5 g

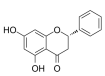


Pinocembrin

((+)-Pinocoembrin; Dihydrochrysin; Galangin flavanone) Cat. No.: HY-N0575

Bioactivity: Pinocembrin ((+)-Pinocoembrin) is a flavonoid found in propolis, acts as a competitive inhibitor of **histidine decarboxylase**, and is an effective anti-allergic agent, with antioxidant, antimicrobial and anti-inflammatory properties [1].

Purity: 99.26%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg, 25 mg

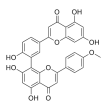


Podocarpusflavone A

Cat. No.: HY-N2198

Bioactivity: Podocarpusflavone A is a DNA topoisomerase I inhibitor, have moderated anti-proliferative activity induce cell apoptosis in MCF-7, is developing anti-tumor drugs target: DNA topoisomerase I In vitro: podocarpusflavone-A show significant inhibitions against DLD, KB, MCF-7, HEp-2 tumor cell lines...

Purity: >98%
Clinical Data: No Development Reported
Size: 5 mg, 10 mg

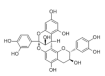


Procyanidin A1

(Proanthocyanidin A1) Cat. No.: HY-N2344

Bioactivity: Procyanidin A1 (Proanthocyanidin A1) is a procyanidin dimer, which inhibits degranulation downstream of protein kinase C activation or Ca^{2+} influx from an internal store in RBL-213 cells. Procyanidin A1 has antiallergic effects [1].

Purity: >98%
Clinical Data: No Development Reported
Size:

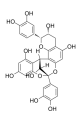


Procyanidin A2

Cat. No.: HY-N2343

Bioactivity: Procyanidin A2 is a flavonoid found in cranberries and lingonberries, with anti-cancer, antioxidant, antimicrobial and anti-inflammation activity [1] [2].

Purity: >98%
Clinical Data: No Development Reported
Size:

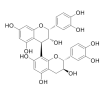


Procyanidin B1

Cat. No.: HY-N0795

Bioactivity: Procyanidin B1 is a polyphenolic flavonoid isolated from commonly eaten fruits, binds to **TLR4/MD-2** complex, and has anti-inflammatory activity.

Purity: 99.92%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 1 mg, 5 mg, 10 mg

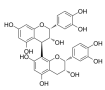


Procyanidin B2

(Proanthocyanidin B2) Cat. No.: HY-N0796

Bioactivity: Procyanidin B2 is a natural flavonoid, with anti-cancer, antioxidant activities.

Purity: 99.40%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 1 mg, 5 mg, 10 mg, 25 mg

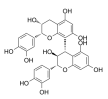


Procyanidol B4

((-)-Procyanidin B4) Cat. No.: HY-107208

Bioactivity: Procyanidol B4 ((-)-Procyanidin B4) is a flavanol, isolated from Litchi chinensis. Anti-inflammatory properties [1].

Purity: >98%
Clinical Data: No Development Reported
Size:

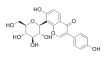


Puerarin

Cat. No.: HY-N0145

Bioactivity: Puerarin, an isoflavone extracted from Radix puerariae, is a **5-HT2C** receptor antagonist.

Purity: 98.14%
Clinical Data: Phase 2
Size: 10mM x 1mL in DMSO, 10 mg, 50 mg, 100 mg

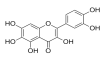


Quercetagetin

(6-Hydroxyquercetin) Cat. No.: HY-N4149

Bioactivity: Quercetagetin (6-Hydroxyquercetin) is the major flavonoid isolated from Citrus unshiu (C. unshiu) peel [1]. Quercetagetin is a moderately potent and selective, cell-permeable **pim-1** kinase inhibitor (**IC_{50}**, 0.34 μM) [2]. Anti-inflammatory ...

Purity: >98%
Clinical Data: No Development Reported
Size: 5 mg, 10 mg

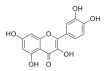


Quercetin

Cat. No.: HY-18085

Bioactivity: Quercetin, a natural flavonoid, is a stimulator of recombinant **SIRT1** and also a **PI3K** inhibitor with **IC_{50}** of 2.4±0.6 μM, 3.0±0.0 μM and 5.4±0.3 μM for PI3K γ, PI3K δ and PI3K β, respectively.

Purity: 98.0%
Clinical Data: Phase 4
Size: 10mM x 1mL in DMSO, 1 g, 5 g

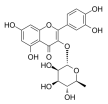


Quercitrin

(Quercetin 3-rhamnoside) Cat. No.: HY-N0418

Bioactivity: Quercitrin is a natural compound found in Tartary buckwheat with a potential anti-inflammation effect that is used to treat heart and vascular conditions. IC50 value: Target: In vitro: There were significant increases in caspase-3 activity, loss of MMP, and increases in the apoptotic cell population in...

Purity: 99.12%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg, 50 mg, 100 mg

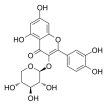


Reynoutrin

(Quercetin-3-D-xyloside; Reinutrin) Cat. No.: HY-N1354

Bioactivity: Reynoutrin (Quercetin-3-D-xyloside) is a flavonoid from Psidium cattleianum, with antioxidant and radical-scavenging activity [1].

Purity: 97.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg, 25 mg, 50 mg

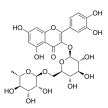


Rutin

(Rutoside; Quercetin 3-O-rutinoside) Cat. No.: HY-N0148

Bioactivity: Rutin, a naturally occurring flavonoid glycoside, has antioxidant, anti-inflammatory, anti-allergic, anti-angiogenic and antiviral properties.

Purity: 98.0%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 5 g, 10 g

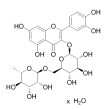


Rutin hydrate

(Rutoside hydrate; Quercetin 3-O-rutinoside hydrate) Cat. No.: HY-N0148A

Bioactivity: Rutin hydrate is a flavonol glycoside, able to cross the blood-brain barrier, and acts by inhibiting **JNK** and **ERK1/2** activation and activating **mTOR** signalling.

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 g, 10 g



Safflower yellow

Cat. No.: HY-N0938

Bioactivity: Safflower yellow is extracted from the flowers of the plant safflower (Carthamus tinctorius) and as the traditional Chinese medicine it has been extensively used for the treatment of cardio cerebrovascular diseases.

Purity:
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 50 mg

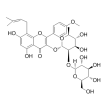
Safflower yellow

Sagittatoside A

(Icariin-A) Cat. No.: HY-N0873

Bioactivity: Sagittatoside A is a natural compound isolated from traditional Chinese herb Yinyanghuo (Herba Epimdii).

Purity: 99.53%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg

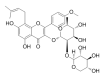


Sagittatoside B

Cat. No.: HY-N0874

Bioactivity: Sagittatoside B is a natural compound isolated from traditional Chinese herb Yinyanghuo (Herba Epimdii).

Purity: 98.74%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg

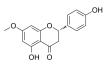


Sakuranetin

Cat. No.: HY-N3006

Bioactivity: Sakuranetin is a rice flavonoid phytoalexin, shows strong antifungal activity [1]. Sakuranetin has anti-inflammatory and antioxidative activities. Sakuranetin ameliorates LPS-induced acute lung injury [2].

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg

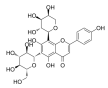


Schaftoside

Cat. No.: HY-N0703

Bioactivity: Schaftoside is a flavonoid found in a variety of Chinese herbal medicines, such as Eleusine indica. Schaftoside inhibits the expression of TLR4 and Myd88. Schaftoside also decreases Drp1 expression and phosphorylation, and reduces mitochondrial fission [1].

Purity: >98%
Clinical Data: No Development Reported
Size:



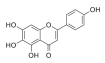
Scutellarein

(6-Hydroxyapigenin; 4',5,6,7-Tetrahydroxyflavone)

Cat. No.: HY-N0752

Bioactivity: Scutellarin, a main active ingredient extracted from Erigeron breviscapus (Vant.) Hand-Mazz., has been wildly used to treat acute cerebral infarction and paralysis induced by cerebrovascular diseases.

Purity: 99.02%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 2 mg, 5 mg, 10 mg, 25 mg, 50 mg

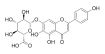


Scutellarin

Cat. No.: HY-N0751

Bioactivity: Scutellarin, an active flavone isolated from Scutellaria baicalensis, can down-regulates the **STAT3/Girdin/Akt** signaling in HCC cells, and inhibits RANKL-mediated **MAPK and NF-κB** signaling pathway in osteoclasts.

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 10 mg, 25 mg, 50 mg



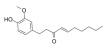
Shogaol

([6]-Shogaol; 6-Shogaol)

Cat. No.: HY-14616

Bioactivity: 6-shogaol, an active compound isolated from Ginger (Zingiber officinale Rosc), exhibits a variety of biological activities including anticancer, anti-inflammation, and anti-oxidation.

Purity: 99.84%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg, 25 mg



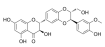
Silibinin

(Silybin; Silibinin A; Silymarin I)

Cat. No.: HY-13748

Bioactivity: Silibinin, an effective anti-cancer and chemopreventive agent, has been shown to exert multiple effects on cancer cells, including inhibition of both cell proliferation and migration. IC50 value: Target: anticancer in vitro: silibinin significantly induced the expression of the non-steroidal...

Purity: 98.0%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 100 mg, 500 mg



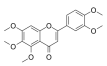
Sinensetin

(Pedalitin permethyl ether)

Cat. No.: HY-N0297

Bioactivity: Sinensetin is a methylated flavone found in certain citrus fruits. pocess potent antiangiogenesis and anti-inflammatory, sinensetin enhances adipogenesis and lipolysis. In vitro: Sinensetin promotes adipogenesis in 3T3-L1 preadipocytes growing in incomplete differentiation medium, sinensetin...

Purity: 99.22%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg, 25 mg

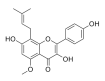


Sophoflavescenol

Cat. No.: HY-N2284

Bioactivity: Sophoflavescenol is a prenylated flavonol, which shows great inhibitory activity with **IC_{50}** of 0.013 μM against **Phosphodiesterase 5 (PDE5)**, and also inhibits RLAR, HRAR, AGE, BACE1, AChE and BChE with IC $_{50}$s of 0.30 μM, 0.17 μM, 17...

Purity: 98.15%
Clinical Data: No Development Reported
Size: 1 mg, 5 mg

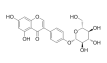


Sophoricoside

Cat. No.: HY-N0423

Bioactivity: Sophoricoside is an isoflavone glycoside isolated from Sophora japonica and has anti-inflammatory, anti-cancer and immunosuppressive effects.

Purity: 98.93%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 10 mg, 50 mg, 100 mg

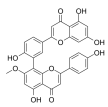


Sotetsuflavone

Cat. No.: HY-N2199

Bioactivity: Sotetsuflavone is a potent inhibitor of DENV-NS5 RdRp (Dengue virus NS5 RNA-dependent RNA polymerase) with an IC50 of 0.16 uM, is the most active compound of this series .

Purity: >98%
Clinical Data: No Development Reported
Size: 1 mg, 5 mg

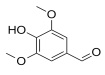


Syringaldehyde

Cat. No.: HY-N1390

Bioactivity: Syringaldehyde is a polyphenolic compound belonging to the group of flavonoids and is found in different plant species like Manihot esculenta and Magnolia officinalis [1]. Syringaldehyde moderately inhibits **COX-2** activity with...

Purity: 99.96%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 100 mg



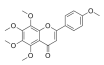
Tangeretin

(Tangeritin; NSC53909; NSC618905)

Cat. No.: HY-N0133

Bioactivity: Tangeretin (Tangeritin), a flavonoid from citrus fruit peels, has been proven to play an important role in anti-inflammatory responses and neuroprotective effects in several disease models, and was also selected as a Notch-1 inhibitor.

Purity: 99.10%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg, 50 mg, 100 mg



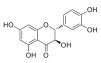
Taxifolin

((+)-Dihydroquercetin; (+)-Taxifolin)

Cat. No.: HY-N0136

Bioactivity: Taxifolin ((+)-Dihydroquercetin) exhibits important anti-**tyrosinase** activity. Taxifolin exhibits significant inhibitory activity against **collagenase** with an **IC_{50}** value of 193.3 μM.

Purity: 99.82%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 50 mg, 100 mg



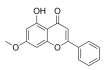
Tectochrysin

(Techtochrysin; NSC 80687)

Cat. No.: HY-14592

Bioactivity: Tectochrysin (Techtochrysin) is one of the major flavonoids of Alpinia oxyphylla Miquel. Tectochrysin (Techtochrysin) inhibits activity of **NF-κB**.

Purity: >98%
Clinical Data: No Development Reported
Size: 5 mg, 10 mg

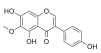


Tectorigenin

Cat. No.: HY-N0792

Bioactivity: Tectorigenin is a plant isoflavonoid originally isolated from the dried flower of Pueraria thomsonii Benth.

Purity: 99.98%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg, 50 mg

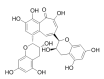


Theaflavin

Cat. No.: HY-N0243

Bioactivity: Theaflavin is a suitable natural inhibitor against influenza A (**H1N1**) neuraminidase.

Purity: 99.09%
Clinical Data: No Development Reported
Size: 2 mg, 5 mg, 10 mg, 25 mg

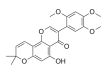


Toxicarol isoflavone

Cat. No.: HY-N1135

Bioactivity: Toxicarol isoflavone is an isoflavone extracted from Millettia brandisiana.

Purity: 99.13%
Clinical Data: No Development Reported
Size: 1 mg



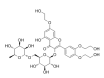
Troxerutin

(Trihydroxyethylrutin)

Cat. No.: HY-N0139

Bioactivity: Troxerutin, also known as vitamin P4, is a tri-hydroxyethylated derivative of natural bioflavonoid rutins which can inhibit the production of **reactive oxygen species** (**ROS**) and depress ER stress-mediated **NOD** activation.

Purity: 98.05%
Clinical Data: Phase 4
Size: 10mM x 1mL in DMSO, 100 mg, 5 g



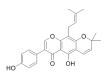
Warangalone

(Scandenolone)

Cat. No.: HY-N1074

Bioactivity: Warangalone is an anti-malarial compound which can inhibit the growth of both strains of parasite **3D7** (chloroquine sensitive) and **K1** (chloroquine resistant) with **IC_{50}**s of 4.8 μg/mL and 3.7 μg/mL, respectively. Warangalone can also inhibit **cyclic AMP-dependent protein kinase catalytic subunit** (...

Purity: 98.0%
Clinical Data: No Development Reported
Size: 1 mg

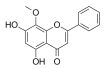


Wogonin

Cat. No.: HY-N0400

Bioactivity: Wogonin is a naturally occurring mono-flavonoid, can inhibit the activity of **CDK8** and **Wnt**, and exhibits anti-inflammatory and anti-tumor effects.

Purity: 99.98%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO,
5 mg, 10 mg, 50 mg

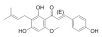


Xanthohumol

Cat. No.: HY-N1067

Bioactivity: Xanthohumol is one of the principal flavonoids isolated from hops, the inhibitor of diacylglycerol acetyltransferase (**DGAT**), **COX-1** and COX-2, and shows anti-cancer and anti-angiogenic activities.

Purity: 99.68%
Clinical Data: Phase 1
Size: 10mM x 1mL in DMSO,
5 mg, 10 mg, 25 mg



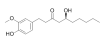
[6]-Gingerol

((S)-(+)-[6]Gingerol; 6-Gingerol)

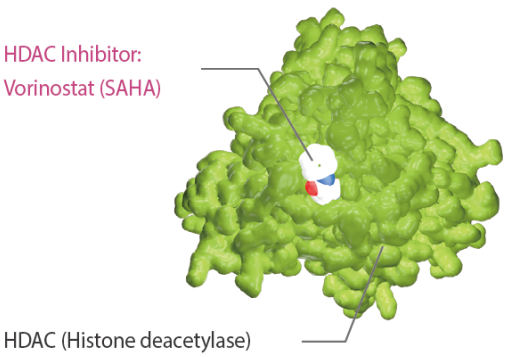
Cat. No.: HY-14615

Bioactivity: [6]-Gingerol is an active compound isolated from Ginger (Zingiber officinale Rosc), exhibits a variety of biological activities including anticancer, anti-inflammation, and anti-oxidation.

Purity: 98.01%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO,
5 mg, 10 mg, 25 mg, 50 mg, 100 mg



Terpenoids and Glycosides



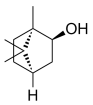
The terpenoids are a large and diverse class of naturally occurring organic chemicals, derived from five-carbon isoprene units assembled and modified in thousands of ways. Most are multicyclic structures that differ from one another not only in functional groups but also in their basic carbon skeletons. They can be classified according to the number of isoprene units used: Hemiterpenoids, Monoterpenoids, Sesquiterpenoids, Diterpenoids, Sesterterpenoids, Triterpenoids, Tetraterpenoids. These lipids can be found in all classes of living things, and are the largest group of natural products. Plant terpenoids are used extensively for their aromatic qualities and play a role in traditional herbal remedies. Terpenoids contribute to the scent of eucalyptus, the flavors of cinnamon, cloves, and ginger, the yellow color in sunflowers, and the red color in tomatoes.

(+)-Borneol

(d-Borneol) Cat. No.: HY-N1368A

Bioactivity: (+)-Borneol (d-Borneol) is a natural bicyclic monoterpene used for analgesia and anesthesia in traditional Chinese medicine; enhances **GABA receptor** activity with an $\mathbf{EC_{50}}$ of 248 μM.

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 100 mg



(+)-Camphor

(D-(+)-Camphor; (1R)-(+)-Camphor) Cat. No.: HY-B1173

Bioactivity: (+)-Camphor is an ingredient in cooking, and as an embalming fluid for medicinal purposes,

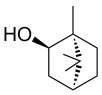
Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 1 g

(-)-Borneol

(L-Borneol) Cat. No.: HY-N1368B

Bioactivity: (-)-Borneol has a highly efficacious positive modulating action at **GABA** receptor with an $\mathbf{EC_{50}}$ of 237 μM.

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 100 mg

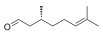


(R)-(+)-Citronellal

((+)-Citronellal) Cat. No.: HY-111664

Bioactivity: (R)-(+)-Citronellal, isolated from citrus, lavender and eucalyptus oils, is a monoterpenoid and main component of citronellal oil with a distinct lemon scent. A flavouring agent. Used for insect repellent and antifungal properties [1] [2].

Purity: >98%
Clinical Data: No Development Reported
Size: 100 mg

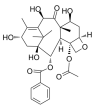


10-Deacetylbaccatin III

Cat. No.: HY-16565

Bioactivity: 10-Deacetylbaccatin-III is an intermediate for taxol analog preparations. IC50 value: Target: Taxols have exhibit antitumor agents. Several of these taxols can be synthesized from 10- Deacetylbaccatin-III. 10-Deacetylbaccine III is the fifth intermediate of paclitaxel biosynthesis. The...

Purity: 95.05%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 100 mg, 200 mg, 500 mg

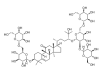


11-oxo-mogroside V

Cat. No.: HY-N0501

Bioactivity: 11-oxo-mogroside V is a natural sweetener, isolated from the fruits of Momordica grosvenori, exhibits strong antioxidant activity. It exhibits significant inhibitory effects on reactive oxygen species ($\mathbf{O_2^-}$, $\mathbf{H_2O_2}$ and ***OH**) w...

Purity: 99.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in Water, 1 mg, 5 mg, 10 mg

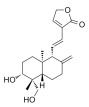


14-Deoxy-11,12-didehydroandrographolide

(14-dehydro Andrographolide; AP10) Cat. No.: HY-N1490

Bioactivity: 14-Deoxy-11,12-didehydroandrographolide is an analogue of Andrographolide that can be isolated from A. paniculata. 14-Deoxy-11,12-didehydroandrographolide inhibits **NF-κB** activation.

Purity: 98.0%
Clinical Data: Phase 1
Size: 10mM x 1mL in DMSO, 1 mg, 5 mg, 10 mg, 25 mg



18β-Glycyrrhetinic acid

Cat. No.: HY-N0180

Bioactivity: 18β-Glycyrrhetinic acid is the major bioactive component of Glycyrrhizae Radix and possesses anti-ulcerative, anti-inflammatory and antiproliferative properties.

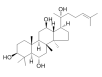
Purity: 99.63%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 500 mg, 5 g

20(R)-Protopanaxatriol

(20(R)-APPT) Cat. No.: HY-N0798

Bioactivity: 20(R)-Protopanaxatriol is a natural aglycone of ginsenosides Re, Rf, Rg1, Rg2 and Rh.

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg

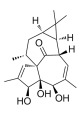


20-Deoxyingenol

Cat. No.: HY-N0866

Bioactivity: 20-Deoxyingenol is a natural compound.

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg

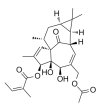


20-O-Acetylingenol-3-angelate

(Euphorbia factor Pe1) Cat. No.: HY-N0868

Bioactivity: 20-O-Acetylingenol-3-angelate is a natural compound.

Purity: >98%
Clinical Data: No Development Reported
Size: 5 mg, 10 mg

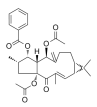


5,15-Diacetyl-3-benzoyllathyrol

(Euphorbia factor L3) Cat. No.: HY-N0562

Bioactivity: 5,15-Diacetyl-3-benzoyllathyrol is one of the lathyrane diterpenoids, that has anti-cancer activity.

Purity: >98%
Clinical Data: No Development Reported
Size: 5 mg, 10 mg

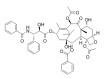


7-epi-Taxol

(7-epi-Paclitaxel) Cat. No.: HY-N0227

Bioactivity: 7-epi-Taxol is an active metabolite of taxol, with activity comparable to that of taxol against cell replication, promoting **microtubule** bundle formation and against microtubule depolymerization.

Purity: 99.75%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO,
5 mg, 10 mg, 25 mg, 50 mg, 100 mg

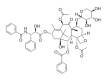


7-xylosyltaxol

(7-Xylosylpaclitaxel; Taxol-7-xyloside) Cat. No.: HY-77574

Bioactivity: 7-xylosyltaxol(Taxol-7-xyloside) is a taxol (Paclitaxel) derivative; Paclitaxel binds to tubulin and inhibits the disassembly of microtubules.

Purity: >98%
Clinical Data: No Development Reported
Size: 5 mg, 10 mg

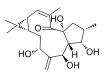


7beta-Hydroxylathyrol

Cat. No.: HY-N1484

Bioactivity: 7beta-Hydroxylathyrol is a natural product.

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO,
5 mg, 10 mg

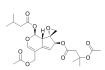


Acevaltrate

Cat. No.: HY-N2070

Bioactivity: Acevaltrate, isolated from Valeriana glechomifolia, inhibits the **Na^+/ K^+-ATPase** activity in the rat kidney and brain hemispheres with **IC_{50}**s of 22.8±1.1 μM and 42.3±1.0 μM, respectively [1].

Purity: 99.56%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO,
5 mg, 10 mg, 25 mg, 50 mg, 100 mg

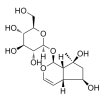


Ajugol

Cat. No.: HY-N0914

Bioactivity: Ajugol is an iridiod glucoside.

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO,
5 mg, 10 mg

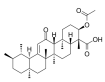


AKBA

(Acetyl-11-keto-β-boswellic acid) Cat. No.: HY-N0892

Bioactivity: Acetyl-11-Keto-β-Boswellic Acid (AKBA) is an active triterpenoid compound from the extract of Boswellia serrate; a novel Nrf2 activator. IC50 value: Target: Nrf2 activator in vitro: AKBA significantly reduced infarct volumes and apoptotic cells, and also increased neurologic scores by...

Purity: 99.71%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO,
5 mg, 10 mg

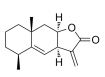


Alantolactone

((+)-Alantolactone; Alant camphor; Inula camphor) Cat. No.: HY-N0038

Bioactivity: Alantolactone is a selective **STAT3** inhibitor, with potent anticancer activity.

Purity: 99.94%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO,
5 mg, 10 mg, 25 mg, 50 mg, 100 mg

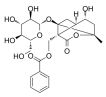


Albiflorin

Cat. No.: HY-N0037

Bioactivity: Albiflorin is a major constituent contained in peony root; possesses therapeutic potential for neurodegenerative diseases. IC50 value: Target: in vitro: Albiflorin significantly ameliorated Glu-induced reduction of cell viability, nuclear and mitochondrial apoptotic alteration,...

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO,
5 mg, 10 mg

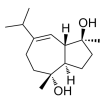


Alismoxide

((+)-Alismoxide) Cat. No.: HY-N0426

Bioactivity: Alismoxide is a natural product.

Purity: 98.49%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 10 mg

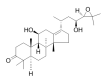


Alisol B

Cat. No.: HY-N0805A

Bioactivity: Alisol B is a potentially novel therapeutic compound for bone disorders by targeting the differentiation of osteoclasts as well as their functions.

Purity: >98%
Clinical Data: No Development Reported
Size: 5 mg, 10 mg

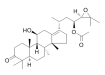


Alisol B 23-acetate (23-Acetylalismol B; 23-O-Acetylalisol B; Alisol B monoacetate)

Cat. No.: HY-N0805

Bioactivity: Alisol B 23-acetate, a natural triterpenoid, produces protective effects against EE-induced cholestasis, due to FXR-mediated gene regulation.

Purity: 99.92%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 10 mg, 50 mg

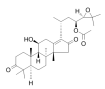


Alisol C 23-acetate

(23-O-Acetylalisol C; Alisol C monoacetate) Cat. No.: HY-N0856

Bioactivity: Alisol C 23-acetate, a natural product extracted from Alisma orientale, can significantly and strongly inhibit DTH response after oral administration.

Purity: >98%
Clinical Data: No Development Reported
Size: 5 mg, 10 mg

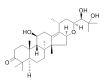


Alisol F

Cat. No.: HY-N0854

Bioactivity: Alisol F is a natural product.

Purity: 96.20%
Clinical Data: No Development Reported
Size: 5 mg, 10 mg

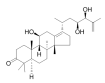


Alisol G

(Alisol-G; 25-Anhydroalisol A) Cat. No.: HY-N0855

Bioactivity: Alisol G is a natural product extracted from Rhizoma Alismatis.

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg

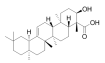


alpha-Boswellic acid

(α-Boswellic acid) Cat. No.: HY-N0611

Bioactivity: alpha-Boswellic acid is a natural product.

Purity: 98.40%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg

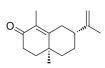


alpha-Cyperone

(α-Cyperone; (+)-α-Cyperone) Cat. No.: HY-N0710

Bioactivity: Alpha-cyperone is associated with the down-regulation of COX-2,IL-6,Nck-2,Cdc42 and Rac1, resulting in reduction of inflammation. which would be highly beneficial for treatment of inflammatory diseases such as AD.

Purity: 99.12%
Clinical Data: No Development Reported
Size: 5 mg, 10 mg, 25 mg, 50 mg

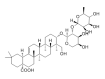


alpha-Hederin

(α-Hederin) Cat. No.: HY-N0255

Bioactivity: alpha-hederin is a water-soluble pentacyclic triterpenoid saponin, possessing several biological properties such as antispasmodic, moliscicidic, anthelmithic and inhibiting cell proliferation In vitro: a-hederin is cytotoxic and inhibits proliferation in both cel lines at rather low concentrations....

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg

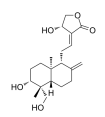


Andrographolide

(Andrographis) Cat. No.: HY-N0191

Bioactivity: Andrographolide is a **NF-κB** inhibitor, which inhibits NF-κB activation through covalent modification of a cysteine residue on **p50** in endothelial cells without affecting IκBα degradation or p50/p65 nuclear translocation.

Purity: 97.46%
Clinical Data: Phase 4
Size: 10mM x 1mL in DMSO, 100 mg, 500 mg

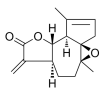


Arglabin

((+)-Arglabin) Cat. No.: HY-16059

Bioactivity: Arglabin is a sesquiterpene gamma-lactone is isolated from Artemisia glabella; anticancer natural compound.

Purity: 99.17%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO,
5 mg, 10 mg, 50 mg, 100 mg

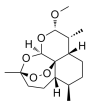


Artemether (Dihydroqinghaosu methyl ether; Dihydroartemisinin methyl ether; SM224)

Cat. No.: HY-N0402

Bioactivity: Artemether is an antimalarial for the treatment of resistant strains of falciparum malaria.

Purity: 98.0%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO,
100 mg, 500 mg

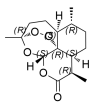


Artemisinin

(Qinghaosu; NSC 369397) Cat. No.: HY-B0094

Bioactivity: Artemisinin is an **anti-malarial** drug isolated from the aerial parts of Artemisia annua L. plants.

Purity: 98.0%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO,
200 mg, 500 mg

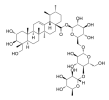


Asiaticoside

(Madecassol) Cat. No.: HY-N0439

Bioactivity: Asiaticoside, a trisaccaride triterpene from Centella asiatica, suppresses **TGF-β/Smad** signaling through inducing Smad7 and inhibiting TGF-βRI and TGF-βRII in keloid fibroblasts; Asiaticoside shows antioxidant, anti-inflammatory, and anti-ulcer properties.

Purity: 98.46%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO,
10 mg, 50 mg, 100 mg



Astaxanthin

Cat. No.: HY-B2163

Bioactivity: Astaxanthin, a red dietary carotenoid isolated from Haematococcus pluvialis, is an inhibitor of **PPARγ** and a potent antioxidant with antiproliferative, neuroprotective and anti-inflammatory activity [1]. Astaxanthin has potential in the treatment of various diseases, such as cancers and...

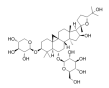
Purity: 98.0%
Clinical Data: Launched
Size: 5 mg, 10 mg

Astragaloside A

(Astramembrannin I; Astragalin A) Cat. No.: HY-N0099

Bioactivity: Astragaloside A is one of the major active constituents of Astragalus membranaceus in Traditional Chinese Medicine; has been widely used to treat ischemic diseases. IC50 value: Target: in vitro: AS-IV treatment promotes umbilical vein endothelial cells (HUVEC) proliferation, migration, and tube...

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO,
5 mg, 10 mg, 50 mg

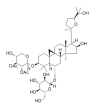


Astragaloside I

(Astrasieversianin IV; Cyclosieversioside B) Cat. No.: HY-N0432

Bioactivity: Astragaloside I is a natural product isolated from Astragalus.

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO,
5 mg, 10 mg

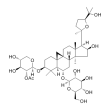


Astragaloside II

(Astrasieversianin VIII) Cat. No.: HY-N0433

Bioactivity: Astragaloside II is a natural isolated from Astragalus.

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO,
5 mg, 10 mg

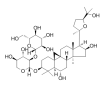


Astragaloside III

Cat. No.: HY-N0434

Bioactivity: Astragaloside III is a natural product isolated from Astragalus.

Purity: 98.0%
Clinical Data: No Development Reported
Size: 5 mg, 10 mg

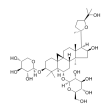


Astragaloside IV

Cat. No.: HY-N0431

Bioactivity: Astragaloside IV, an active component isolated from Astragalus membranaceus, suppresses the activation of **ERK1/2** and **JNK**, and downregulates matrix metalloproteases **(MMP)-2, (MMP)-9** in MDA-MB-231 breast cancer cells.

Purity: 99.15%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO,
10 mg, 50 mg, 100 mg

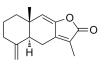


Atractylenolide I

Cat. No.: HY-N0201

Bioactivity: Atractylenolide I is a sesquiterpene derived from the rhizome of Atractylodes macrocephala, possesses diverse bioactivities, such as neuroprotective, anti-allergic, anti-inflammatory and anticancer properties. Atractylenolide I reduces protein levels of phosphorylated **JAK2** and **STAT3** in A375 cells, and...

Purity: 99.08%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg, 50 mg



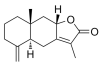
Atractylenolide II

(Asterolide)

Cat. No.: HY-N0202

Bioactivity: Atractylenolide II is a sesquiterpene compound isolated from the dried rhizome of Atractylodes macrocephala (Baizhu in Chinese); anti-proliferative activity.

Purity: 99.91%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 10 mg, 50 mg



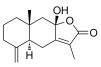
Atractylenolide III

(ICodonolactone; 8β-Hydroxyasterolide)

Cat. No.: HY-N0203

Bioactivity: Atractylenolide III is a major component of Atractylodes rhizome can induce apoptosis of the lung carcinoma cells.

Purity: 99.61%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 10 mg, 50 mg

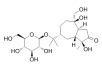


Atractyloside A

Cat. No.: HY-N0237

Bioactivity: Atractyloside A(126054-77-1) is a natural TCM reference compound.

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg, 50 mg

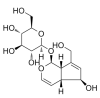


Aucubin

Cat. No.: HY-N0664

Bioactivity: Aucubin is an iridoid glycoside with a wide range of biological activities, including anti-inflammatory, anti-microbial, anti-algesic as well as anti-tumor activities.

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg, 50 mg



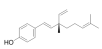
Bakuchiol

((S)-(+)-Bakuchiol)

Cat. No.: HY-N0235

Bioactivity: Bakuchiol is a phytoestrogen isolated from the seeds of Psoralea corylifolia L; has anti-tumor effects.

Purity: 99.25%
Clinical Data: Phase 2
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg



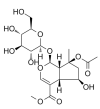
Barlerin

(8-O-Acetyl shanzhiside methyl ester)

Cat. No.: HY-N0758

Bioactivity: Barlerin (8-O-Acetyl shanzhiside methyl ester) is an iridoid glucoside isolated from the leaves of Lamiophlomis rotata Kudo, a Chinese folk medicinal plant in Xi-zang. Barlerin (8-O-Acetyl shanzhiside methyl ester) could inhibt **NF-κB**.

Purity: 98.52%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg, 25 mg, 50 mg

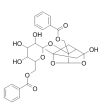


Benzoylpaeoniflorin

Cat. No.: HY-N0852

Bioactivity: Benzoylpaeoniflorin is a natural product; may treat coronary heart disease by decreasing apoptosis.

Purity: 99.82%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg



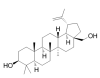
Betulin

(Trochol)

Cat. No.: HY-N0083

Bioactivity: Betulin (Trochol), is a sterol regulatory element-binding protein (**SREBP**) inhibitor with an $\mathbf{IC_{50}}$ of 14.5 μM in K562 cell line.

Purity: 98.0%
Clinical Data: No Development Reported
Size: 50 mg, 100 mg, 200 mg



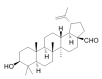
Betulinaldehyde

(Betulinic aldehyde; Betunal)

Cat. No.: HY-N0084

Bioactivity: Betulinaldehyde(Betunal) belongs to pentacyclic triterpenoids and was reported to exhibit antimicrobial activities against bacteria and fungi, including S. aureus.

Purity: 98.56%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 10 mg, 50 mg, 100 mg

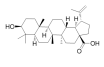


Betulinic acid

(Lupatic acid; Betulic acid) Cat. No.: HY-10529

Bioactivity: Betulinic acid is a natural pentacyclic triterpenoid, acts as a eukaryotic **topoisomerase I** inhibitor, with an IC_{50} of 5 μM, and possesses anti-HIV, anti-malarial, anti-inflammatory and anti-tumor properties.

Purity: 98.18%
Clinical Data: Phase 2
Size: 10mM x 1mL in DMSO, 100 mg, 200 mg, 500 mg

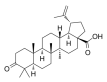


Betulonic acid

(Betunolic acid; Liquidambaric acid; (+)-Betulonic acid) Cat. No.: HY-N1451

Bioactivity: Betulonic acid belongs to the pentacyclic triterpenic derivative class, has antitumor activities. In vitro: BEA-NP is found over three-times more permeable than that solubilized by DMSO in Caco-2 cell monocultures.[1] In vivo: The tumor growth in the S180 berry mice orally doses with BEA-NP at 75...

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg

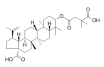


Bevirimat

(PA-457; MPC-4326; YK FH312) Cat. No.: HY-N0842

Bioactivity: Bevirimat (PA-457; MPC-4326; YK FH312) is an anti-HIV drug derived from a betulinic acid-like compound; is believed to inhibit HIV by a novel mechanism, so-called maturation inhibition.

Purity: 98.0%
Clinical Data: Phase 2
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg

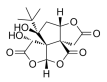


Bilobalide

((-)-Bilobalide) Cat. No.: HY-N0076

Bioactivity: Bilobalide is a biologically active terpenic trilactone present in Ginkgo biloba. An increasing number of studies have demonstrated its neuroprotective effects. IC50 Value: 3.33 (pIC50 Value) [1] Target: neuroprotective in vitro: Inhibition by BB and GB was abolished in mutant receptors containing T6'S...

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 10 mg, 50 mg, 100 mg

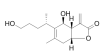


Britannilactone

(Desacetylinulicin) Cat. No.: HY-N0895

Bioactivity: Britannilactone(Desacetylinulicin) is a methanol extract of the dried flower of Inula britannica L.

Purity: >98%
Clinical Data: No Development Reported
Size: 5 mg

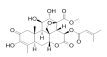


Brusatol

(NSC 172924; (+)-Brusatol) Cat. No.: HY-19543

Bioactivity: Brusatol (NSC 172924), isolated from the Brucea javanica plant, inhibits **Nrf2**.

Purity: 99.89%
Clinical Data: No Development Reported
Size: 5 mg, 10 mg

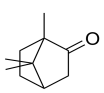


Camphor

((±)-Camphor) Cat. No.: HY-N0808

Bioactivity: Camphor ((±)-Camphor) is a topical anti-infective and anti-pruritic and internally as a stimulant and carminative. However, Camphor is poisonous when ingested. Antiviral, antitussive, and anticancer activities [1]. Camphor i...

Purity: 98.0%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 100 mg



Canthaxanthin

(E 161g; all-trans-Canthaxanthin) Cat. No.: HY-B1960

Bioactivity: Canthaxanthin is a red-orange carotenoid with various biological activities, such as antioxidant, antitumor properties.

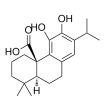
Purity: 98.0%
Clinical Data: No Development Reported
Size: 5 mg, 10 mg, 50 mg, 100 mg

Carnosic acid

Cat. No.: HY-N0644

Bioactivity: Carnosic acid has demonstrated inhibition of oxidative stress and inflammation, suppression of cell proliferation, and antibacterial activity.

Purity: 99.53%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 10 mg, 50 mg

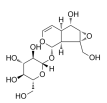


Catalpol

(Catalpinoside) Cat. No.: HY-N0820

Bioactivity: Catalpol, an iridoid glycoside, has neuroprotective, anti-inflammatory, and anti-hepatitis virus effects.

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 10 mg, 50 mg

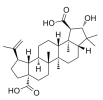


Ceanothic acid

(Emmolic acid) Cat. No.: HY-N3558

Bioactivity: Ceanothic acid (Emmolic acid) is a ring-A homologue of betulinic acid. Ceanothic acid inhibits OVCAR-3, HeLa, and FS-5 cells with the cell survival of 68%, 65%, and 81%, respectively [1].

Purity: >98%
Clinical Data: No Development Reported
Size:

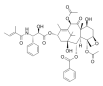


Cephalomannine

Cat. No.: HY-77554

Bioactivity: Cephalomannine is a taxol derivative with antitumor, antiproliferative properties.

Purity: 99.29%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg

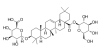


Chikusetsusaponin Iva

(Calenduloside F) Cat. No.: HY-N0818

Bioactivity: Chikusetsusaponin IVa a major active ingredient of triterpenoid saponins, exerts antithrombotic effects, including minor hemorrhagic events. This appears to be important for the development of new therapeutic agents. a novel AMPK activator that is capable of bypassing defective...

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg

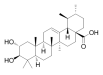


Corosolic acid

(Colosolic acid; Corsolic acid; Glucosol) Cat. No.: HY-N0280

Bioactivity: Corosolic acid isolated from the fruit of Cratoegus pinnatifida var. psilosa, was reported to have anticancer activity.

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg

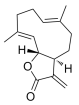


Costunolide

((+)-Costunolide; Costus lactone) Cat. No.: HY-N0036

Bioactivity: Costunolide, a sesquiterpene lactone, exhibits anti-inflammatory and anti-oxidant properties and mediates apoptosis. IC50 Value: 6.2 - 9.8 ug/mL(sarcoma cells viability)[3] Target: Apoptosis inducer in vitro: Costunolide significantly inhibited RANKL-induced BMM differentiation into...

Purity: 99.84%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg

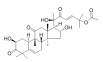


Cucurbitacin B

Cat. No.: HY-N0416

Bioactivity: Cucurbitacin B belongs to a class of highly oxidized tetracyclic triterpenoids; could repress cancer cell progression. IC50 value: Target: anticancer natural compound in vitro: Cucurbitacin-B inhibited growth and modulated expression of cell-cycle regulators in SHSY5Y cells. At the...

Purity: 99.92%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg, 25 mg, 50 mg

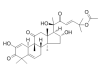


Cucurbitacin E

(α-Elaterin; α-Elaterine) Cat. No.: HY-N0417

Bioactivity: Cucurbitacin E is a natural compound which from the climbing stem of Cucumic melo L. Cucurbitacin E significantly suppresses the activity of the **cyclin B1/ CDC2** complex.

Purity: 99.30%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg

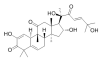


Cucurbitacin I

(Elatericin B; JSI-124; NSC-521777) Cat. No.: HY-N1405

Bioactivity: Cucurbitacin I is a natural selective inhibitor of **JAK2/STAT3**, with potent anti-cancer activity.

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 1 mg, 5 mg, 10 mg

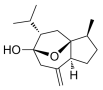


Curcumol

((-)-Curcumol) Cat. No.: HY-N0104

Bioactivity: Curcumol is a sesquiterpene originally isolated from curcuma rhizomes; shows anticancer activities both in vitro and in vivo.

Purity: 99.58%
Clinical Data: Phase 3
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg

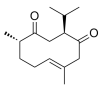


Curdione

((+)-Curdione) Cat. No.: HY-N0353

Bioactivity: Curdione, one of the major sesquiterpene compounds from Rhizoma Curcumae, has been shown to exhibit multiple bioactive properties.

Purity: 99.52%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 10 mg, 50 mg



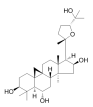
Cycloastragenol

(Cyclogalagenin; Cyclogalegenin; Cyclogalegigenin)

Cat. No.: HY-N0424

Bioactivity: Cycloastragenol, a natural tetracyclic triterpenoid, was first identified when screening Astragalus membranaceus extracts for active ingredients with antiaging properties.

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 10 mg, 50 mg

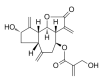


Cynaropicrin

Cat. No.: HY-N2350

Bioactivity: Cynaropicrin is a sesquiterpene lactone which can inhibit **tumor necrosis factor** (**TNF-α**) release with **IC_{50}**s of 8.24 and 3.18 μM for murine and human macrophage cells, respectively. Cynaropicrin also inhibits the increase of **cartilage degradation factor** (**MMP13**) and suppresses **NF-κB...**

Purity: >98%
Clinical Data: No Development Reported
Size: 5 mg, 10 mg

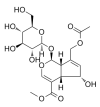


Daphylloside

Cat. No.: HY-N6245

Bioactivity: Daphylloside is an iridoid isolated from the aerial parts of Galium verum.

Purity: >98%
Clinical Data: No Development Reported
Size: 5 mg, 10 mg

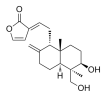


Dehydroandrographolide

Cat. No.: HY-N0676

Bioactivity: Dehydroandrographolide is extracted from herbal medicine Andrographis paniculata (Burm f) Nees; alleviate oxidative stress in LPS-induced acute lung injury possibly by inactivating iNOS.

Purity: >98%
Clinical Data: No Development Reported
Size: 10 mg, 50 mg



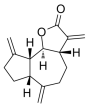
Dehydrocostus Lactone

((-)-Dehydrocostus lactone; Epiligulyl oxide)

Cat. No.: HY-N0591

Bioactivity: Dehydrocostus Lactone is a major sesquiterpene lactone isolated from the roots of Saussurea lappa. IC50 value: Target: In vitro: Dehydrocostus Lactone promoted apoptosis with increased activation of caspases 8, 9, 7, 3, enhanced PARP cleavage, decreased Bcl-xL expression and increased...

Purity: 99.97%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg

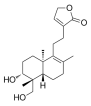


Deoxyandrographolide

Cat. No.: HY-N0857

Bioactivity: Deoxyandrographolide is a natural compound extracted from A. paniculata; potently inhibit the growth of liver (HepG2 and SK-Hep1) and bile duct (HuCCA-1 and RMCCA-1) cancer cells. IC50 value: Target: Anticancer natural compound in vitro: Treatment with 14-DAG activated AMPK through induction of...

Purity: >98%
Clinical Data: No Development Reported
Size: 5 mg, 10 mg



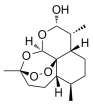
Dihydroartemisinin

(Dihydroqinghaosu; β-Dihydroartemisinin; Artenimol)

Cat. No.: HY-N0176

Bioactivity: Dihydroartemisinin is a potent **anti-malaria** agent.

Purity: 99.03%
Clinical Data: Phase 4
Size: 10mM x 1mL in DMSO, 50 mg, 100 mg, 200 mg, 500 mg

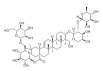


Dipsacoside B

Cat. No.: HY-N0266

Bioactivity: Dipsacoside B is a major bioactive saponin, which can be used as a marker.

Purity: >98%
Clinical Data: No Development Reported
Size: 5 mg, 10 mg, 25 mg



DL-Borneol

((±)-Borneol)

Cat. No.: HY-N1368

Bioactivity: DL-Borneol is a racemic mixture of D-Borneol and L-Borneol. DL-Borneol is widely used for the treatment of cardiovascular and cerebrovascular diseases in China.

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 1 g, 5 g

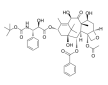
Docetaxel

(RP-56976)

Cat. No.: HY-B0011

Bioactivity: Docetaxel is an antineoplastic drug by inhibiting **microtubule** depolymerization, and attenuating of the effects of **bcl-2** and **bcl-xL** gene expression.

Purity: 99.93%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 100 mg, 200 mg

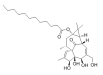


Dodecanoic acid ingenol ester

Cat. No.: HY-N0867

Bioactivity: Dodecanoic acid ingenol ester is a natural compound.

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO,
5 mg, 10 mg

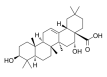


Echinocystic acid

Cat. No.: HY-N0271

Bioactivity: Echinocystic acid a pentacyclic triterpene isolated from the fruits of Gleditsia sinensis Lam, has potent antioxidant, anti-inflammatory and anti-tumor properties. In vitro: Echinocystic acid (EA) inhibit the formation of osteoclast. EA inhibit RANKL-induced NF-κB activation and ERK phosphorylation...

Purity: 98.08%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO,
5 mg, 10 mg

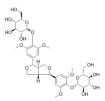


Eleutheroside E

Cat. No.: HY-N0272

Bioactivity: Eleutheroside E, a principal component of Eleutherococcus enticosus, has anti-inflammatory and protective effects in ischemia heart.

Purity: 99.65%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO,
5 mg, 10 mg, 50 mg, 100 mg



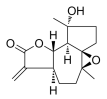
Epoxymicheliolide

(1β,10β-Epoxymicheliolide)

Cat. No.: HY-N0845

Bioactivity: Epoxymicheliolide is a micheliolide derivative.

Purity: >98%
Clinical Data: No Development Reported
Size: 1 mg, 5 mg



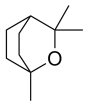
Eucalyptol

(1,8-Cineole)

Cat. No.: HY-N0066

Bioactivity: Eucalyptol is an inhibitor of **5-HT$_3$ receptor** , **potassium channel**, **TNF-α** and **IL-1β**.

Purity: 98.0%
Clinical Data: Phase 3
Size: 10mM x 1mL in DMSO,
50 mg



Farnesol

Cat. No.: HY-Y0248A

Bioactivity: Farnesol is a sesquiterpene alcohol that modulates cell-to-cell communication in Candida albicans, and has the activity in inhibiting bacteria.

Purity: >98%
Clinical Data: No Development Reported
Size: 1 g

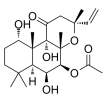
Forskolin

(Coleonol; Colforsin)

Cat. No.: HY-15371

Bioactivity: Forskolin is a potent **adenylate cyclase** activator, with **IC$_{50}$** and **EC$_{50}$** of 41 nM and 0.5 μM for **type I adenylyl cyclase**, respectively.

Purity: 98.52%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO,
10 mg, 50 mg, 100 mg, 200 mg

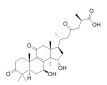


Ganoderic acid A

Cat. No.: HY-N1447

Bioactivity: Ganoderic acid can Inhibitt of the JAK-STAT3 signaling pathway, also inhibit proliferation, viability, ROS.

Purity: 99.84%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO,
1 mg, 5 mg, 10 mg, 25 mg



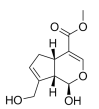
Genipin

((+)-Genipin)

Cat. No.: HY-17389

Bioactivity: Genipin is a natural water soluble crosslinking reagent.

Purity: 99.40%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO,
50 mg, 100 mg

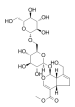


Genipin 1-β-D-gentiobioside (Genipin 1-gentiobioside; Genipin 1-β-gentiobioside; Genipin gentiobioside)

Cat. No.: HY-N2094

Bioactivity: Genipin 1-β-D-gentiobioside (Genipin 1-gentiobioside) is one of the most abundant and bioactive iridoid glycosides in Gardenia jasminoides Ellis, which possesses hepatoprotective, anti-inflammatory, antioxidant, and antithrombotic activities.

Purity: >98%
Clinical Data: No Development Reported
Size: 5 mg, 10 mg, 25 mg

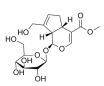


Geniposide

Cat. No.: HY-N0009

Bioactivity: Geniposide is an iridoid glucoside extracted from Gardenia jasminoides Ellis fruits; exhibits a varity of biological activities such as anti-diabetic, antioxidative, antiproliferative and neuroprotective activities.

Purity: 99.52%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 50 mg, 100 mg

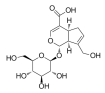


Geniposidic acid

Cat. No.: HY-N0010

Bioactivity: Geniposidic acid is an effective anticancer and radioprotection agent.

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg, 50 mg, 100 mg



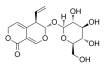
Gentiopicroside

(Gentiopicrin)

Cat. No.: HY-N0494

Bioactivity: Gentiopicroside, a naturally occurring iridoid glycoside, inhibits **P450** activity, with an IC_{50} and a K_i of 61 μM and 22.8 μM for CYP2A6; Gentiopicroside has antianti-inflammatoryand antioxidative effects.

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 10 mg, 25 mg, 50 mg, 100 mg



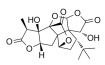
Ginkgolide A

(BN-52020)

Cat. No.: HY-B0355

Bioactivity: Ginkgolide A (BN-52020) is an extract from in Ginkgo biloba and a g-aminobutyric acid (GABA) antagonist.

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 10 mg, 50 mg



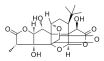
Ginkgolide B

(BN-52021)

Cat. No.: HY-N0784

Bioactivity: Ginkgolide B, an important active terpenoid from Ginkgo biloba leaves, is reported to increase cell viability and decrease cell apoptosis.

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 10 mg, 50 mg



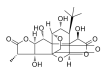
Ginkgolide C

(BN-52022; Ginkgolide-C)

Cat. No.: HY-N0785

Bioactivity: Ginkgolide C is a flavone isolated from Ginkgo biloba leaves, possessing multiple biological functions, such as decreasing platelet aggregation and ameliorating Alzheimer disease.

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 10 mg, 50 mg



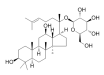
Ginsenoside C-K

(Ginsenoside K; Ginsenoside compound K)

Cat. No.: HY-N0904

Bioactivity: Ginsenoside C-K, a bacterial metabolite of G-Rb1, exhibits anti-inflammatory effects by reducing **iNOS** and **COX-2**. Ginsenoside C-K exhibits an inhibition against the activity of **CYP2C9** and **CYP2A6** in human liver microsomes with **IC_{50}**s of 32.0±3.6 μM and 63.6±4.2 μM, respectively.

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg



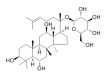
Ginsenoside F1

(20(S)-Ginsenoside F1)

Cat. No.: HY-N0598

Bioactivity: Ginsenoside F1, an enzymatically modified derivative of Ginsenoside Rg1, demonstrates competitive inhibition of **CYP3A4** activity and weaker inhibition of CYP2D6 activity.

Purity: 99.05%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg, 50 mg



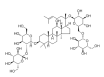
Ginsenoside Rb1

(Gypenoside III)

Cat. No.: HY-N0039

Bioactivity: Ginsenoside Rb1, a main constituent of the root of Panax ginseng, inhibits **Na^+, K^+-ATPase** activity with an **IC_{50}** of 6.3±1.0 μM. Ginsenoside also inhibits **IRAK-1** activation and phosphorylation of **NF-κB p65** .

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg



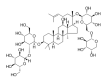
Ginsenoside Rb2

(Ginsenoside C)

Cat. No.: HY-N0040

Bioactivity: Ginsenoside Rb2 is one of the main bioactive components of ginseng extracts. Rb2 can upregulate **GPR120** gene expression.

Purity: 98.26%
Clinical Data: No Development Reported
Size: 10mM x 1mL in Water, 5 mg, 10 mg

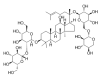


Ginsenoside Rb3

(Gypenoside IV) Cat. No.: HY-N0041

Bioactivity: Ginsenoside Rb3 is extracted from steamed Panax notoginseng. Ginsenoside Rb3 exhibits inhibitory effect on TNFα-induced **NF-κB** transcriptional activity with an IC_{50} of 8.2 μM in 293T cell lines. Ginsenoside Rb3 also inhibits the induction of **COX-2** and **iNOS** mRNA.

Purity: 99.0%
Clinical Data: No Development Reported
Size: 5 mg, 10 mg

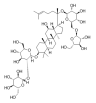


Ginsenoside Rc

(Panaxoside Rc) Cat. No.: HY-N0042

Bioactivity: Ginsenoside Rc, one of major Ginsenosides from Panax ginseng, enhances GABA receptor $_A$ ($GABA_A$)-mediated ion channel currents (I_{GABA}). Ginsenoside Rc inhibits the expression of **TNF-α** and **IL-1β**.

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in Water, 5 mg, 10 mg

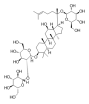


Ginsenoside Rd

(Gypenoside VIII) Cat. No.: HY-N0043

Bioactivity: Ginsenoside Rd inhibits TNFα-induced **NF-κB** transcriptional activity with an IC_{50} of 12.05±0.82 μM in HepG2 cells. Ginsenoside Rd inhibits expression of **COX-2** and **iNOS** mRNA. Ginsenoside Rd also inhibits Ca^{2+} influx. Ginsenoside...

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg

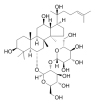


Ginsenoside Rf

(Panaxoside Rf) Cat. No.: HY-N0601

Bioactivity: Ginsenoside Rf is a trace component of ginseng root. Ginsenoside Rf inhibits **N-type Ca^{2+} channel**.

Purity: 94.90%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg

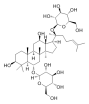


Ginsenoside Rg1

(Panaxoside A; Panaxoside Rg1) Cat. No.: HY-N0045

Bioactivity: Ginsenoside Rg1 is one of the major active components of ginseng. Ginsenoside Rg1 displays promising effects by reducing cerebral **Aβ** levels. Ginsenoside Rg1 also reduces **NF-κB** nuclear translocation.

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg

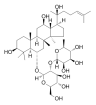


Ginsenoside Rg2

(Chikusetsusaponin I; Panaxoside Rg2; Prosapogenin C2) Cat. No.: HY-N0602

Bioactivity: Ginsenoside Rg2 is one of the major active components of ginseng. Ginsenoside Rg2 acts as a **NF-κB** inhibitor. Ginsenoside Rg2 also reduces $Aβ_{1-42}$ accumulation.

Purity: 99.24%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg

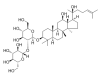


Ginsenoside Rg3

(20(S)-Ginsenoside-Rg3; Rg3; S-Ginsenoside Rg3) Cat. No.: HY-N0603

Bioactivity: Ginsenoside Rg3 is the main component of Red ginseng. Ginsenoside Rg3 inhibits Na^+ and **hKv1.4** channel with IC_{50}s of 32.2±4.5 and 32.6±2.2 μM, respectively. Ginsenoside Rg3 also inhibits **Aβ** levels, **NF-κB** activity, and **COX-2<...**

Purity: 98.0%
Clinical Data: Phase 2
Size: 10mM x 1mL in DMSO, 10 mg, 50 mg, 100 mg



Ginsenoside Rg5

Cat. No.: HY-N0908

Bioactivity: Ginsenoside Rg5 is the main component of Red ginseng. Ginsenoside blocks binding of **IGF-1** to its receptor with an IC_{50} of ~90 nM. Ginsenoside Rg5 also inhibits the mRNA expression of **COX-2** via suppression of the DNA binding activities of **NF-κB p65**.

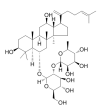
Purity: 99.36%
Clinical Data: No Development Reported
Size: 5 mg, 10 mg

Ginsenoside Rg6

Cat. No.: HY-N0907

Bioactivity: Ginsenoside Rg6 is the component isolated from notoginseng. Ginsenoside Rg6 inhibits TNF-α-induced **NF-κB** transcriptional activity with an IC_{50} of 29.34±2.22 μM in HepG2 cells. Ginsenoside Rg6 also exhibits **apoptosis**-inducing effect.

Purity: >98%
Clinical Data: No Development Reported
Size: 5 mg, 10 mg

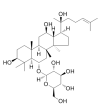


Ginsenoside Rh1

(Prosapogenin A2; Sanchinoside B2; Sanchinoside Rh1) Cat. No.: HY-N0604

Bioactivity: Ginsenoside Rh1 (Prosapogenin A2; Sanchinoside B2; Sanchinoside Rh1) is isolated from the root of Panax Ginseng. Ginsenoside Rh1 inhibits the expression of **PPAR-γ**, **TNF-α**, **IL-6**, and **IL-1β**.

Purity: 98.17%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg



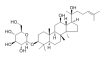
Ginsenoside Rh2

(20(S)-Ginsenoside Rh2; 20(S)-Rh2; Ginsenoside-Rh2)

Cat. No.: HY-N0605

Bioactivity: Ginsenoside Rh2 is isolated from the root of Ginseng. Ginsenoside Rh2 induces the activation of **caspase-8** and **caspase-9**. Ginsenoside Rh2 induces cancer cell **apoptosis** in a multi-path manner.

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg

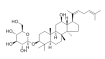


Ginsenoside Rh3

Cat. No.: HY-N0606

Bioactivity: Ginsenoside Rh3 is a bacterial metabolite of Ginsenoside Rg5. Ginsenoside Rh3 treatment in human retinal cells induces **Nrf2** activation.

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg

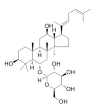


Ginsenoside Rh4

Cat. No.: HY-N0905

Bioactivity: Ginsenoside Rh4 is a rare saponin obtained from Panax notoginseng. Ginsenoside Rh4 activates **Bax**, **caspase 3**, **caspase 8**, and **caspase 9**. Ginsenoside Rh4 also induces **autophagy**.

Purity: 98.40%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg

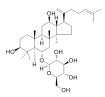


Ginsenoside Rk3

Cat. No.: HY-N0906

Bioactivity: Ginsenoside Rk3 is present in the roots Panax notoginseng herbs. Ginsenoside Rk3 significantly inhibits TNF-α-induced **NF-κB** transcriptional activity, with an $\mathbf{IC_{50}}$ of 14.24±1.30 μM in HepG2 cells.

Purity: >98%
Clinical Data: No Development Reported
Size: 5 mg, 10 mg

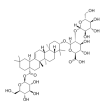


Ginsenoside Ro (Polysciasaponin P3; Chikusetsusaponin 5; Chikusetsusaponin V)

Cat. No.: HY-N0607

Bioactivity: Ginsenoside Ro (Polysciasaponin P3; Chikusetsusaponin 5; Chikusetsusaponin V) exhibits a $\mathbf{Ca^{2+}}$-antagonistic antiplatelet effect with an IC_{50} of 155 μM. Ginsenoside Ro reduces the production of $\mathbf{TXA_2}$ more than it reduces the activities...

Purity: 98.69%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg



Glycyrrhizic acid

(Glycyrrhizin)

Cat. No.: HY-N0184

Bioactivity: Glycyrrhizic acid is a triterpenoid saponinl, acting as a direct **HMGB1** antagonist, with anti-tumor, anti-diabetic activities.

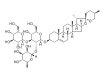
Purity: 98.0%
Clinical Data: Phase 4
Size: 10mM x 1mL in DMSO, 50 mg, 100 mg, 200 mg

Gracillin

Cat. No.: HY-N0706

Bioactivity: Gracillin is a kind of steroidal saponin isolated from the root bark of wild yam Dioscorea nipponica with antitumor agent.

Purity: >98%
Clinical Data: No Development Reported
Size: 5 mg, 10 mg



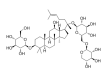
Gynostemma Extract

(Ginsenoside C-Mx1; Gynosaponin I; Gypenoside IX)

Cat. No.: HY-N0167

Bioactivity: Gynostemma Extract (Ginsenoside C-Mx1) is a natural product.

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg, 50 mg, 100 mg



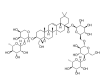
Hederacoside C

(Kalopanaxsaponin B)

Cat. No.: HY-N0253

Bioactivity: Hederacoside C is a principal bioactive pharmaceutical ingredient of Hedera helix leaf that can treat respiratory disorders, because of its expectorant, bronchodilator, antibacterial, and bronchospasmolytic effects.

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg

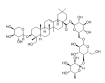


Hederacoside D

Cat. No.: HY-N0254

Bioactivity: Hederacoside D is one of the bioactive saponins from Hedera helix, and plays pivotal roles in the overall biological activity.

Purity: >98%
Clinical Data: No Development Reported
Size: 1 mg, 5 mg, 10 mg

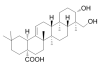


Hederagenin

Cat. No.: HY-N0256

Bioactivity: Hederagenin is a triterpenoid saponin. It can inhibit LPS-stimulated expression of iNOS, COX-2, and NF-κB.

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg



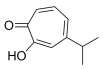
Hinokitiol

(β-Thujaplicin)

Cat. No.: HY-B2230

Bioactivity: Hinokitiol is a component of essential oils isolated from Chymacyparis obtusa, reduces **Nrf2** expression, and decreases **DNMT1** and UHRF1 mRNA and protein expression, with anti-infective, anti-oxidative, and anti-tumor activities.

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 50 mg, 100 mg



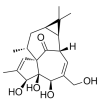
Ingenol

((-)-Ingenol)

Cat. No.: HY-N0865

Bioactivity: Ingenol is a **PKC** activator, with a K_i of 30 μM, with antitumor activity.

Purity: 99.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg, 50 mg



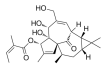
Ingenol Mebutate

(Ingenol 3-angelate; PEP005)

Cat. No.: HY-B0719

Bioactivity: Ingenol Mebutate is an active ingredient in Euphorbia peplus, acts as a potent **PKC** modulator, with K_is of 0.3, 0.105, 0.162, 0.376, and 0.171 nM for PKC-α, PKC-β, PKC-γ, PKC-δ, and PKC-ε, respectively, and has antiinflammatory and antitumor activity.

Purity: 98.74%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 1 mg, 5 mg, 10 mg



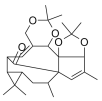
Ingenol-3,4,5,20-diacetonide

(Ingenol 3,4:5,20-bisacetonide)

Cat. No.: HY-N0871

Bioactivity: Ingenol-3,4,5,20-diacetonide is a natural compound.

Purity: 98.60%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 1 mg, 5 mg

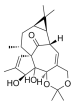


Ingenol-5,20-acetonide

Cat. No.: HY-N0869

Bioactivity: Ingenol-5,20-acetonide is an intermediate from ingenol for synthesis of ingenoids; improved stability compared to ingenol.

Purity: 99.73%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 1 mg, 5 mg

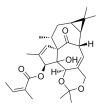


Ingenol-5,20-acetonide-3-O-angelate (Ingenol 5,20-acetonide 3-angelate; Ingenol 3-angelate 5,20-acetonide)

Cat. No.: HY-N0870

Bioactivity: Ingenol-5,20-acetonide-3-O-angelate is a natural compound.

Purity: 98.18%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 1 mg, 5 mg



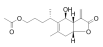
Inulicin

(1-O-Acetylbritannilactone)

Cat. No.: HY-N0896

Bioactivity: Inulicin (1-O-Acetylbritannilactone) is an active compound isolated from Inula Britannica L. Inulicin (1-O-Acetylbritannilactone) inhibits VEGF-mediated activation of **Src** and **FAK**. Inulicin (1-O-Acetylbritannilactone) inhibits LPS-induced PGE_2 production and **COX-2** expression,...

Purity: 99.38%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg



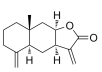
Isoalantolactone

((+)-Isoalantolactone; Isohelenin)

Cat. No.: HY-N0780

Bioactivity: Isoalantolactone is an **apoptosis** inducer, which also acts as an alkylating agent.

Purity: 99.99%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 10 mg, 50 mg



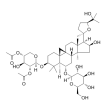
Isoastragaloside I

(Isoastragaloside-I)

Cat. No.: HY-N0887

Bioactivity: Isoastragaloside I is a natural compound from the medicinal herb Radix Astragali; possesses the activity of elevating adiponectin production.

Purity: >98%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg



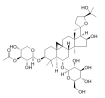
Isoastragaloside II

(Astrasieversianin-VII)

Cat. No.: HY-N0888

Bioactivity: Isoastragaloside II is an astragaloside, which is isolated from the hairy root culture of Astragalus membranaceus.

Purity: >98%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg

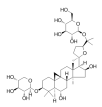


Isoastragaloside IV

Cat. No.: HY-N4214

Bioactivity: Isoastragaloside IV is a triterpene oligoglycoside isolated from Astragali Radix.

Purity: 99.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg



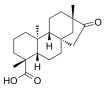
Isosteviol

((-)-Isosteviol; iso-Steviol)

Cat. No.: HY-N0872

Bioactivity: Isosteviol is a derivative of stevioside, a constituent of Stevia rebaudiana, which is commonly used as a noncaloric sugar substitute in Japan and Brazil. Target: Isosteviol dose-dependently relaxed the vasopressin (10-8 M)-induced vasoconstriction in isolated aortic rings with or without...

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg

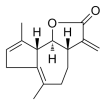


Kauniolide

Cat. No.: HY-N0843

Bioactivity: Kauniolide(81066-45-7) is a natural compound.

Purity: >98%
Clinical Data: No Development Reported
Size: 5 mg, 10 mg

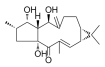


Lathyrol

Cat. No.: HY-N0561

Bioactivity: Lathyrol is a natural product, and is used for cancer treatment.

Purity: 98.19%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg, 25 mg

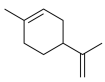


Limonene

Cat. No.: HY-N0544

Bioactivity: Limonene is a monoterpene in citrus peel oil. A popular disinfectant and food preservative. Antimicrobial activities [1]. Anti-proliferative activities [2]. Antioxidant and anti-inflammatory effect [3].

Purity: 95.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg



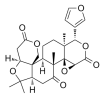
Limonin

(Limonoic acid 3,19:16,17 dilactone)

Cat. No.: HY-17411

Bioactivity: Limonin is a triterpenoid enriched in citrus fruits, which has antivirus and antitumor ability. IC50 Value: Target: HIV; anticancer Limonin is a triterpenoid aglycone that is a bitter principle of citrus fruits. Limonin is chemically induced carcinogenesis inhibitor and HIV-1 replication inhibitor....

Purity: 98.52%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 50 mg, 100 mg

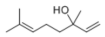


Linalool

Cat. No.: HY-N0368

Bioactivity: Linalool is natural monoterpene in essential olis of coriander, acts as a competitive antagonist of **Nmethyl d-aspartate (NMDA) receptor**, with anti-tumor, anti-cardiotoxicity activity [1].

Purity: >98%
Clinical Data: No Development Reported
Size:



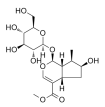
Loganin

(Loganoside)

Cat. No.: HY-N0512

Bioactivity: Loganin, a major iridoid glycoside obtained from Corni fructus, has been shown to have anti-inflammatory and anti-shock effects. Loganin exhibits an anti-inflammatory effect in cases of AP and its pulmonary complications through inhibition of NF-κB activation.

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 10 mg, 50 mg, 100 mg



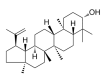
Lupeol

(Fagarasterol)

Cat. No.: HY-N0790

Bioactivity: Lupeol is a novel **androgen receptor** inhibitor.

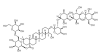
Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 10 mg, 25 mg, 50 mg, 100 mg



Macranthoidin B
(Macranthoiside I) Cat. No.: HY-N0864

Bioactivity: Macranthoidin B is a major bioactive saponin in rat plasma after oral administration of extraction of saponins from Flos Lonicerae.

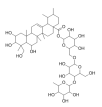
Purity: >98%
Clinical Data: No Development Reported
Size: 5 mg, 10 mg



Madecassoside
(Asiaticoside A) Cat. No.: HY-N0568

Bioactivity: Madecassoside is a pentacyclic triterpene isolated from Centella asitica (L.), as an anti-inflammatory, anti-oxidative activities and anti-aging agent.

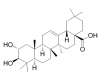
Purity: 99.77%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 10 mg, 50 mg, 100 mg, 200 mg



Maslinic acid
(Crategolic acid; 2α-Hydroxyoleanolic acid) Cat. No.: HY-N0629

Bioactivity: Maslinic acid can inhibit the DNA-binding activity of **NF-κB p65** and abolish the phosphorylation of **IκB-α**, which is required for p65 activation.

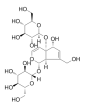
Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg, 25 mg



Melittoside
Cat. No.: HY-N0915

Bioactivity: Melittoside is a natural compound.

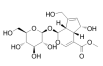
Purity: >98%
Clinical Data: No Development Reported
Size: 5 mg, 10 mg



Methyl deacetylasperulosidate (6α-Hydroxygeniposide; Deacetylasperulosidic acid methyl ester)
Cat. No.: HY-N1503

Bioactivity: Methyl deacetylasperulosidate is an iridoid isolated from Borreria and Spermacoce species.

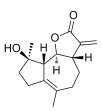
Purity: 98.37%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg, 25 mg



Micheliolide
Cat. No.: HY-N0847

Bioactivity: Micheliolide could effectively attenuate the high glucose-stimulated activation of NF-κB, the degradation of IκBα, and the expression of MCP-1, TGF-β1 and FN in rat mesangial cells (MCs).

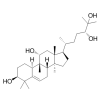
Purity: 99.55%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg



Mogrol
Cat. No.: HY-N2312

Bioactivity: Mogrol is a biometabolite of mogrosides, and acts via inhibition of the **ERK1/2** and **STAT3** pathways, or reducing **CREB** activation and activating **AMPK** signaling.

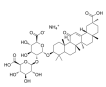
Purity: 98.06%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 1 mg, 5 mg, 10 mg, 25 mg



Monoammonium glycyrrhizinate hydrate
Cat. No.: HY-76225

Bioactivity: Monoammonium glycyrrhizinate hydrate has various pharmacological actions such as anti-inflammatory, antiallergic, antigastriculcer, and antihepatitis activities. **In Vivo:** The increase of the lung W/D weight ratios is significantly reduced by high and medium dose of MAG (10 and...

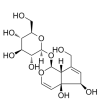
Purity: 95.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 1 g



Monomelittoside
(Danmelittoside) Cat. No.: HY-N0916

Bioactivity: Monomelittoside is a natural compound.

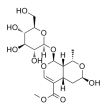
Purity: >98%
Clinical Data: No Development Reported
Size: 5 mg, 10 mg



Morroniside
Cat. No.: HY-N0532

Bioactivity: Morroniside has neuroprotective effect by inhibiting neuron apoptosis and MMP2/9 expression.

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg, 25 mg

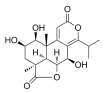


Nagilactone B

Cat. No.: HY-N3216

Bioactivity: Nagilactone B, extracted from the root bark of Podocarpus nagi, is a liver X receptor (**LXR**) agonist.

Purity: 98.0%
Clinical Data: No Development Reported
Size: 1 mg, 5 mg



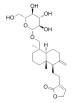
Neoandrographolide

(Neoandrographiside)

Cat. No.: HY-N0721

Bioactivity: Neoandrographolide is a diterpenoid from the Andrographis paniculata (Acanthaceae).

Purity: >98%
Clinical Data: No Development Reported
Size: 5 mg, 10 mg

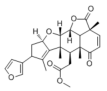


Nimbolide

Cat. No.: HY-116035

Bioactivity: Nimbolide is a triterpene derived from the leaves and flowers of neem (Azadirachta indica L). Nimbolide induces apoptosis through inactivation of **NF-κB**. Nimbolide inhibits **CDK4**/ **CDK6** kinase activity. Nimbolide suppresses the NF-κB, Wnt, PI3K-Akt, MAPK and JAK-STAT signaling pathways [1].

Purity: >98%
Clinical Data: No Development Reported
Size:



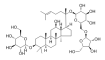
Notoginsenoside Fe

(Notoginseng triterpenes; Ginsenoside Mb)

Cat. No.: HY-N0046

Bioactivity: Notoginsenoside Fe is a natural compound isolated from Panax japlcus var.

Purity: 99.94%
Clinical Data: No Development Reported
Size: 5 mg, 10 mg

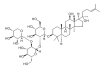


Notoginsenoside Ft1

Cat. No.: HY-N0910

Bioactivity: Notoginsenoside Ft1 is a saponin isolated from Panax notoginseng; stimulator of angiogenesis.

Purity: 98.0%
Clinical Data: No Development Reported
Size: 5 mg, 10 mg



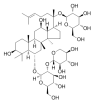
Notoginsenoside R1

(Sanchinoside R1; Sanqi glucoside R1)

Cat. No.: HY-N0615

Bioactivity: Notoginsenoside R1, the main bioactive component in panaxnotoginseng, is reported have some neuronal protective, antihypertensive effects.

Purity: 97.10%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg



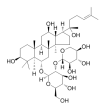
Notoginsenoside R2

(20(S)-Notoginsenoside R2; Ginsenoside Ng-R2)

Cat. No.: HY-N0909

Bioactivity: Notoginsenoside R2 is a newly isolated notoginsenoside from Panax notoginseng, showed neuroprotective effects against 6-OHDA-induced oxidative stress and apoptosis.

Purity: >98%
Clinical Data: No Development Reported
Size: 5 mg, 10 mg



Oleanolic Acid

(Oleanic acid; Caryophyllin)

Cat. No.: HY-N0156

Bioactivity: Oleanolic acid (Caryophyllin) is a natural compound from plants with anti-tumor activities.

Purity: 98.0%
Clinical Data: Phase 1
Size: 10mM x 1mL in DMSO, 100 mg, 500 mg

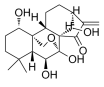
Oridonin

(NSC-250682; Isodonol)

Cat. No.: HY-N0004

Bioactivity: Oridonin (NSC-250682), a diterpenoid isolated from Rabdosia rubescens, acts as an inhibitor of **AKT**, with IC_{50}s of 8.4 and 8.9 μM for AKT1 and AKT2; Oridonin possesses anti-tumor, anti-bacterial and anti-inflammatory effects.

Purity: 99.85%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 10 mg, 50 mg, 100 mg, 200 mg, 500 mg

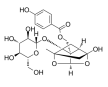


Oxypaeoniflorin

Cat. No.: HY-N0748

Bioactivity: Oxypaeoniflorin is a natural product derived from Radix Paeoniae Rubra and Radix Paeoniae Alba.

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg

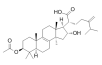


Pachymic acid

(3-O-Acetyltumulosic acid) Cat. No.: HY-N0371

Bioactivity: Pachymic acid is a lanostrane-type triterpenoid from P. cocos. Pachymic acid inhibits **Akt** and **ERK** signaling pathways.

Purity: 99.20%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg, 50 mg

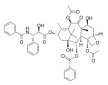


Paclitaxel

(Taxol) Cat. No.: HY-B0015

Bioactivity: Paclitaxel (Taxol), a naturally occurring antineoplastic agent, stabilizes **tubulin polymerization**, resulting in arrest at the G2/M phase of the cell cycle and apoptotic cell death [1] [2].

Purity: 99.97%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 50 mg, 100 mg, 500 mg

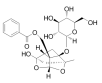


Paeoniflorin

(Peoniflorin) Cat. No.: HY-N0293

Bioactivity: Paeoniflorin is a herbal constituent extracted from the root of Paeonia albiflora Pall. Target: Others Paeoniflorin (PF) is the principal bioactive component of Radix Paeo- niae alba, which is widely used in Traditional Chinese Medicine for the treatment of neurodegenerative disorders such as Parkinson's...

Purity: 98.0%
Clinical Data: Phase 3
Size: 10mM x 1mL in DMSO, 100 mg, 200 mg



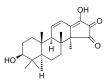
Palbinone

Cat. No.: HY-N3115

Bioactivity: Palbinone is a terpenoid isolated from the roots of Paeonia albiflora Pallas, potently inhibits **3α-hydroxysteroid dehydrogenase (3α-HSD)**, with an $\mathbf{IC_{50}}$ of 46 nM.

Anti-inflammatory activity [1].

Purity: 98.0%
Clinical Data: No Development Reported
Size: 5 mg

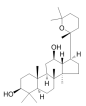


Panaxadiol

(20(R)-Panaxadiol) Cat. No.: HY-N0596

Bioactivity: Panaxadiol is a novel antitumor agent extracted from the Chinese medical herb Panax ginseng.

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in Ethanol, 5 mg, 10 mg

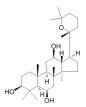


Panaxatriol

Cat. No.: HY-N0597

Bioactivity: Panaxatriol is a natural product that can relieve myelosuppression induced by radiation injury.

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg

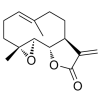


Parthenolide

((-)-Parthenolide) Cat. No.: HY-N0141

Bioactivity: Parthenolide is a sesquiterpene lactone found in the medicinal herb Feverfew. Parthenolide exhibits anti-inflammatory activity by inhibiting **NF-κB** activation; also inhibits **HDAC1** protein without affecting other class I/II HDACs.

Purity: 99.88%
Clinical Data: Phase 2
Size: 10mM x 1mL in DMSO, 50 mg, 100 mg, 200 mg

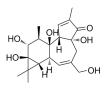


Phorbol

(4β-Phorbol) Cat. No.: HY-N2147

Bioactivity: Phorbol is a highly toxic diterpene, whose esters have important biological properties.

Purity: 96.39%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 1 mg, 5 mg, 10 mg, 25 mg, 50 mg

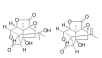


Picrotoxin

(Cocculin) Cat. No.: HY-101391

Bioactivity: Picrotoxin is a noncompetitive antagonist of **GABAA receptor**.

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 100 mg

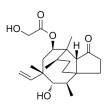


Pleuromutilin

(Drosophilin B; Mutilin 14-glycolate) Cat. No.: HY-N2301

Bioactivity: pleuromutilin inhibits bacterial protein synthesis by binding to the 50S ribosomal subunit of bacteria.

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg, 50 mg, 100 mg, 500 mg

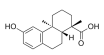


Podocarpic acid

Cat. No.: HY-N2318

Bioactivity: Podocarpic acid is a natural product, which has the best all-round positive effect and acts as a novel **TRPA1** activator.

Purity: 99.37%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 10 mg, 50 mg



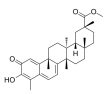
Pristimerin

(Celastrol methyl ester)

Cat. No.: HY-N1937

Bioactivity: Pristimerin is a potent and reversible monoacylglycerol lipase (**MGL**) inhibitor with an IC_{50} of 93 nM.

Purity: 98.48%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg, 25 mg, 50 mg



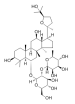
Pseudoginsenoside F11

(Ginsenoside A1)

Cat. No.: HY-N0541

Bioactivity: Pseudoginsenoside-F11 (PF11), a component of Panax quinquefolium (American ginseng), has been demonstrated to antagonize the learning and memory deficits induced by scopolamine, morphine and methamphetamine in mice.

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg



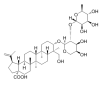
Pulchinenoside A

(Anemoside A3)

Cat. No.: HY-N0204

Bioactivity: Pulchinenoside A is a natural triterpenoid saponin that enhances synaptic plasticity in the adult mouse hippocampus and facilitates spatial memory in adult mice.

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg



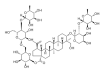
Pulchinenoside C

(Anemoside B4)

Cat. No.: HY-N0205

Bioactivity: Anemoside B4 is Pulsatilla koreana Nakai that have many numerous biological effects in vitro, including enhancing hypoglycemic, anti-tumor, neuroprotective and anti-angiogenic activity.

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg



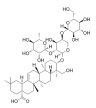
Pulsatilla saponin D

(SB365; Hederacolchiside A)

Cat. No.: HY-N0834

Bioactivity: Pulsatilla saponin D(SB365) isolated from the root of Pulsatilla koreana, has exhibited potential beneficial effects as a chemopreventive agent for critical health conditions including cancer.

Purity: 98.47%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg



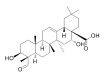
Quillaic acid

(Quillaja sapogenin)

Cat. No.: HY-N0839

Bioactivity: Quillaic acid(Quillaja sapogenin) is the major aglycone of the widely studied saponins of the Chilean indigenous tree Quillaja saponaria Mol; can elicit dose-dependent antinociceptive effects in two murine thermal models.

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg

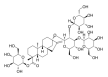


Rebaudioside A

Cat. No.: HY-N0466

Bioactivity: Rebaudioside A is a steviol glycoside, α-glucosidase inhibitor with IC50 of 35.01 μg/ml.can inhibit ATP-sensitive K+-channels. Target: α-glucosidase [1] IC 50: 35.01 ug/mL In vitro: rebaudioside A stimulat the insulin secretion from MIN6 cells in a dose- and glucose-dependent manner. In conclusion,...

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 100 mg, 500 mg



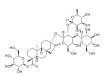
Rebaudioside C

(Dulcoside B)

Cat. No.: HY-N0467

Bioactivity: Rebaudioside C(Dulcoside B) is used as natural sweeteners to diabetics and others on carbohydrate-controlled diets.

Purity: 96.39%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg, 50 mg, 100 mg

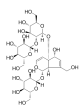


Rehmannioside D

Cat. No.: HY-N0912

Bioactivity: Rehmannioside D is a carotenoid glycoside.

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in Water, 5 mg, 10 mg



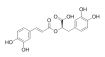
Rosmarinic acid

(Labiatenic acid)

Cat. No.: HY-N0529

Bioactivity: Rosmarinic acid (RA) is a widespread phenolic ester compound in the plants. Rosmarinic acid inhibits **MAO-A**, **MAO-B** and **COMT** enzymes with **IC_{50}**s of 50.1, 184.6 and 26.7 μM, respectively.

Purity: 99.06%
Clinical Data: Phase 4
Size: 10mM x 1mL in DMSO, 50 mg, 100 mg

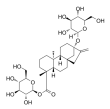


Rubusoside

Cat. No.: HY-N0668

Bioactivity: Rubusoside is a natural sweetener and a solubilizing agent with antiangiogenic and antiallergic properties. Rubusoside is an excellent solubilizing agent. It can enhance the solubility of a number of pharmaceutically important compounds, such as liquiritin, teniposide, curcumin, and etoposide.

Purity: 98.58%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg, 50 mg, 100 mg

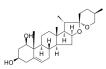


Ruscogenin

Cat. No.: HY-N0496

Bioactivity: Ruscogenin, an important steroid sapogenin derived from Ophiopogon japonicus, attenuates cerebral ischemia-induced blood-brain barrier dysfunction by suppressing TXNIP/NLRP3 inflammasome activation and the MAPK pathway and exerts significant anti-inflammatory and anti-thrombotic activities...

Purity: >98%
Clinical Data: No Development Reported
Size:

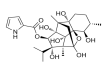


Ryanodine

Cat. No.: HY-103306

Bioactivity: Ryanodine is a cell permeant **ryanodine receptor** modulator. Ryanodine can either stimulate or inhibit Ryanodine-mediated Ca^{2+} release depending on its concentrations. Poisonous diterpenoid found in Ryania speciosa.

Purity: 99.0%
Clinical Data: No Development Reported
Size: 1 mg

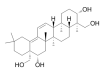


Saikogenin A

Cat. No.: HY-N6584

Bioactivity: Saikogenin A, extracted from a Chinese herbal plant called Tsai-Fu, is a dipeptidyl peptidase-IV (**DPP-IV**) inhibitor.

Purity: 98.31%
Clinical Data: No Development Reported
Size: 5 mg

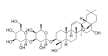


Saikosaponin D

Cat. No.: HY-N0250

Bioactivity: Saikosaponin D is a triterpene saponin isolated from Bupleurum, with anti-inflammatory, anti-bacterial, anti-tumor, and anti-allergic activities; Saikosaponin D inhibits **selectin**, **STAT3** and **NF-kB** and activates **estrogen receptor-β**.

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg, 25 mg, 50 mg, 100 mg

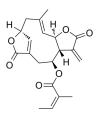


Scabertopin

Cat. No.: HY-N1247

Bioactivity: Scabertopin, isolated from the whole plant of Elephantopus scaber [1], is a sesquiterpene lactone. Scabertopin has been found to be prominent anticancer constituents [2].

Purity: 98.97%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg

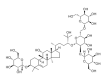


Siamenoside I

Cat. No.: HY-N0612

Bioactivity: Siamenoside I is one of the mogrosides that has several kinds of bioactivities.

Purity: >98%
Clinical Data: No Development Reported
Size: 1 mg, 5 mg, 10 mg, 25 mg



Squalene

(Super Squalene; trans-Squalene; AddaVax)

Cat. No.: HY-N1214

Bioactivity: Squalene is an intermediate product in the synthesis of cholesterol, and shows several pharmacological properties such as hypolipidemic, hepatoprotective, cardioprotective, antioxidant, and antitoxicant activity.

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg

Transcrocetin

(trans-Crocetin)

Cat. No.: HY-N2072

Bioactivity: Transcrocetin (trans-Crocetin), extracted from saffron (Crocus sativus L.), acts as an **NMDA receptor** antagonist with high affinity.

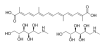
Purity: 98.60%
Clinical Data: No Development Reported
Size: 5 mg, 10 mg

Transcrocetin meglumine salt

(trans-Crocetin meglumine salt) Cat. No.: HY-42937

Bioactivity: Transcrocetin meglumine salt, extracted from saffron (Crocus sativus L.), acts as an **NMDA receptor** antagonist with high affinity.

Purity: 95.13%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO,
5 mg, 10 mg, 25 mg

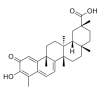


Tripterin

(Celastrol) Cat. No.: HY-13067

Bioactivity: Tripterin (Celastrol) is a **proteasome** inhibitor which potently and preferentially inhibits the chymotrypsin-like activity of a purified **20S proteasome** with $\mathbf{IC_{50}}$ of 2.5 μM.

Purity: 99.91%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO,
10 mg, 50 mg, 100 mg

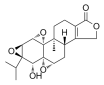


Triptolide

(PG490) Cat. No.: HY-32735

Bioactivity: Triptolide is a diterpenoid triepoxide extracted from the root of Tripterygium wilfordii with immunosuppressive, anti-inflammatory and antiproliferative effects. Triptolide is a **NF-κB** activation inhibitor.

Purity: 99.83%
Clinical Data: Phase 3
Size: 10mM x 1mL in DMSO,
2 mg, 5 mg, 10 mg, 25 mg, 100 mg

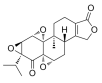


Triptonide

(NSC 165677; PG 492) Cat. No.: HY-32736

Bioactivity: Triptonide(NSC 165677; PG 492), extracted from Tripterygium wilfordii Hook, inhibited the proliferation of mouse splenocytes induced by suboptimal concentration of concanavalin A or lipopolysaccharide at concentrations of 0.02, 0.1, and 0.5 mg/ml.

Purity: 98.65%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO,
10 mg

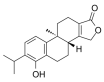


Triptophenolide

(Hypolide; (+)-Triptophenolide) Cat. No.: HY-N0475

Bioactivity: Triptophenolide is a colorless crystalline plate isolated from ethyl acetate extracts of Tripterygium wilfordii. IC50 value: Target: In vitro: Triptophenolide can remarkably inhibit the delayed type hypersensitivity (DTH) reaction induced by DNCB and BSA; and diminished the peripheral blood ANAE+lymphocytes...

Purity: 99.32%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO,
5 mg, 10 mg

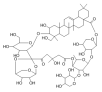


Tubeimoside I

(Tubeimoside-1; Lobatoside-H) Cat. No.: HY-N0890

Bioactivity: Tubeimoside I(Lobatoside-H) is an extract from Chinese herbal medicine Bolbostemma paniculatum (MAXIM.) FRANQUET (Cucurbitaceae) has been shown as a potent anti-tumor agent for a variety of human cancers.

Purity: 98.03%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO,
10 mg, 50 mg

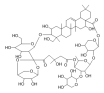


Tubeimoside II

(Tubeimoside-B) Cat. No.: HY-N0891

Bioactivity: Tubeimoside II(Tubeimoside-B) is a natural analogue of oleanane type of triterpenoid saponin; show anti-inflammatory, antitumor, and antitumor-promoting effects.

Purity: >98%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO,
5 mg, 10 mg

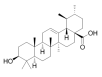


Ursolic acid

(Prunol; Urson; Malol) Cat. No.: HY-N0140

Bioactivity: Ursolic acid (Prunol) is a natural pentacyclic triterpenoid carboxylic acid, exerts anti-tumor effects and is an effective compound for cancer prevention and therapy.

Purity: 99.27%
Clinical Data: Phase 2
Size: 10mM x 1mL in DMSO,
5 mg, 10 mg

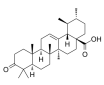


Ursonic acid

(3-Ketoursolic acid) Cat. No.: HY-N1486

Bioactivity: Ursolic acid, a naturally occurring triterpenoid, induces the apoptosis of human cancer cells through multiple signaling pathways. In vitro: Ursolic acid is important in the induction of apoptosis via AKT/NF-κB signaling suppression in T24 human bladder cancer cells and this occurs in a dose-dependent...

Purity: 98.17%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO,
5 mg, 10 mg

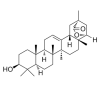


Wilforlide A

(Regelide; Abruslactone A) Cat. No.: HY-N0476

Bioactivity: Wilforlide A is a natural product, separated from the ethanolic extract of tripterygium wilfordii.

Purity: 99.60%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO,
5 mg, 10 mg

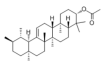


α-Amyrin acetate

Cat. No.: HY-N2842

Bioactivity: α-Amyrin acetate, a natural triterpenoid, has anti-inflammatory activity, antispasmodic profile and the relaxant effect [1] [2].

Purity: >98%
Clinical Data: No Development Reported
Size:



β-Carotene

(Provitamin A; beta-Carotene) Cat. No.: HY-N0411

Bioactivity: β-Carotene (Provitamin A) is an organic compound and classified as a terpenoid. It is a precursor (inactive form) of vitamin A.

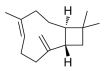
Purity: 98.0%
Clinical Data: Phase 3
Size: 10mM x 1mL in DMSO, 50 mg, 100 mg

β-Caryophyllene ((−)-trans-Caryophyllene; (−)-β-caryophyllene; (-)-(E)-Caryophyllene)

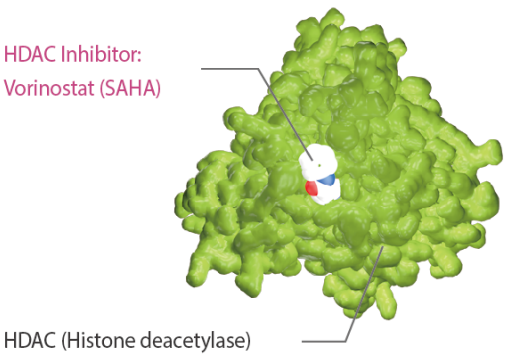
Cat. No.: HY-N1415

Bioactivity: β-Caryophyllene is a **CB2 receptor** agonist.

Purity: 94.40%
Clinical Data: No Development Reported
Size: 500 mg



Steroids



steroid hormone receptors.

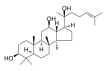
A steroid is an organic compound with four rings arranged in a specific molecular configuration, composed of seventeen carbon atoms, bonded in four "fused" rings: three six-member cyclohexane rings (rings A, B and C in the first illustration) and one five-member cyclopentane ring (the D ring). Hundreds of steroids are found in plants, animals and fungi. Examples include the dietary lipid cholesterol, the sex hormones estradiol and testosterone and the anti-inflammatory drug dexamethasone. Steroids have two principal biological functions: certain steroids (such as cholesterol) are important components of cell membranes which alter membrane fluidity, and many steroids are signaling molecules which activate

(20S)-Protopanaxadiol

(20-Epiprotopanaxadiol; 20(S)-APPD) Cat. No.: HY-N0797

Bioactivity: (20S)-Protopanaxadiol (20-Epiprotopanaxadiol) is an aglycon metabolic derivative of the protopanaxadiol-type ginseng saponin; apoptosis inducer. IC50 value: Target: apoptosis inducer (20S)-Protopanaxadiol was used to induce cytotoxicity for two human glioma cell lines, SF188 and U87MG. For the...

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 10 mg, 50 mg

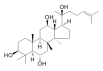


(20S)-Protopanaxatriol

(20(S)-APPT; g-PPT) Cat. No.: HY-N0835

Bioactivity: (20S)-Protopanaxatriol is a metabolite of ginsenoside, works through the **glucocorticoid receptor (GR)** and **oestrogen receptor (ER)**, and is also a **LXRα** inhibitor.

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg, 50 mg, 100 mg



11beta-Hydroxyprogesterone

(11β-Hydroxyprogesterone) Cat. No.: HY-N2337

Bioactivity: 11beta-Hydroxyprogesterone is a potent inhibitors of **11β-Hydroxysteroid dehydrogenase**; also activates human mineralocorticoid receptor in COS-7 cells with an **ED_{50}** of 10 nM.

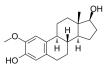
Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 10 mg, 50 mg

2-Methoxyestradiol

(2-ME2; NSC-659853) Cat. No.: HY-12033

Bioactivity: 2-Methoxyestradiol is an **angiogenesis** inhibitor and **apoptosis** inducer with potent antineoplastic activity. 2-Methoxyestradiol also destablize **microtubules**.

Purity: 99.82%
Clinical Data: Phase 2
Size: 10mM x 1mL in DMSO, 10 mg, 50 mg, 100 mg

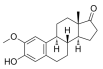


2-Methoxyestrone

Cat. No.: HY-113252

Bioactivity: 2-Methoxyestrone is a methoxylated catechol estrogen and metabolite of estrone, with a pKa of 10.81.

Purity: >98%
Clinical Data: No Development Reported
Size: 5 mg, 10 mg, 25 mg

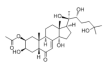


2-O-Acetyl-20-hydroxyecdysone

(20-Hydroxyeedysone 2-acetate) Cat. No.: HY-N6640

Bioactivity: 2-O-Acetyl-20-hydroxyecdysone, an ecdysterones in insects and terrestrial plants, inhibits amyloid-β_{42} ($A\beta_{42}$)-induced cytotoxicity. 2-O-Acetyl-20-hydroxyecdysone could decrease Aβ oligomer formation through promotion of fibrogenes...

Purity: >98%
Clinical Data: No Development Reported
Size:

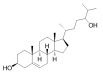


24-Hydroxycholesterol

Cat. No.: HY-N2370

Bioactivity: 24-Hydroxycholesterol is a natural sterol, which serves as a positive allosteric modulator of **N-Methyl-d-Aspartate (NMDA) receptorsR**, and a potent activator of the transcription factors **LXR**.

Purity: 98.0%
Clinical Data: No Development Reported
Size: 2 mg, 5 mg

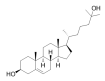


25-Hydroxycholesterol

Cat. No.: HY-113134

Bioactivity: 25-Hydroxycholesterol is a metabolite of cholesterol that is produced and secreted by macrophages in response to Toll-like receptor (TLR) activation. 25-hydroxycholesterol is a potent (EC_{50}≈65 nM) and selective suppressor of IgA production by B cells.

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg, 25 mg, 50 mg, 100 mg

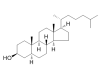


5α-Cholestan-3β-ol

(5α-Cholestanol; Dihydrocholesterol; NSC 18188) Cat. No.: HY-107819

Bioactivity: 5α-Cholestan-3β-ol is a derivitized steroid compound, which is isolated from the testes of White Carneau pigeons.

Purity: >98%
Clinical Data:
Size: 100 mg



5α-Pregnane-3β,6α-diol-20-one

Cat. No.: HY-109564

Bioactivity: 5α-Pregnane-3β,6α-diol-20-one is a mitogenic metabolite of progesterone, and it can be produced in starved androgen-responsive prostate cancer cells.

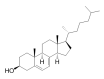
Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg

7-Dehydrocholesterol

Cat. No.: HY-113279

Bioactivity: 7-Dehydrocholesterol is biosynthetic precursor of cholesterol and vitamin D_3.

Purity: >98%
Clinical Data: No Development Reported
Size: 100 mg



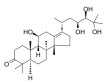
Alisol A

(Alisol-A)

Cat. No.: HY-N0853

Bioactivity: Alisol A is a natural product.

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg

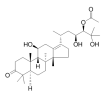


Alisol A 24-acetate (Alisol-A 24-acetate; Alisol A 24-monoacetate; Alisol A monoacetate)

Cat. No.: HY-N0853A

Bioactivity: Alisol A 24-acetate is a natural product.

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg



Allopregnanolone

(3α,5α-THP; SAGE-547; Brexanolone)

Cat. No.: HY-101107

Bioactivity: Allopregnanolone is a progesterone metabolite. Allopregnanolone is an allosteric modulator of the **GABA** receptor. Used to treat postpartum depression.

Purity: 98.0%
Clinical Data: Phase 3
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg, 50 mg, 100 mg

Alpha-Estradiol

(Alfatradiol; Epiestradiol; Epiestrol)

Cat. No.: HY-B0141A

Bioactivity: Alpha-Estradiol is a weak estrogen and a **5α-reductase** inhibitor which is used as a topical medication in the treatment of androgenic alopecia.

Purity: 99.46%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 100 mg, 500 mg

Androsterone

(5α-Androstan-3α-ol-17-one)

Cat. No.: HY-N0933

Bioactivity: Androsterone is a metabolic product of testosterone and can activate **Farnesoid X Receptor** (**FXR**).

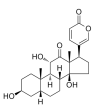
Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 100 mg, 250 mg

Arenobufagin

Cat. No.: HY-N0876

Bioactivity: Arenobufagin is a natural bufadienolide from toad venom; has potent antineoplastic activity against HCC HepG2 cells as well as corresponding multidrug-resistant HepG2/ADM cells.

Purity: 99.42%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg



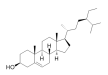
Beta-Sitosterol

(β-Sitosterol; 22,23-Dihydrostigmasterol)

Cat. No.: HY-N0171

Bioactivity: Beta-Sitosterol weakly inhibits porcine pancreatic lipase (PPL) activity. Sitosterol is an important compound extracted from the leaves of Aloe vera.

Purity: >98%
Clinical Data: No Development Reported
Size: 100 mg, 1 g, 5 g



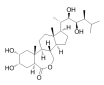
Brassinolide

(Brassin lactone)

Cat. No.: HY-N0273

Bioactivity: Brassinolide is a predominant plant growth modulator that regulate plant cell elongation.

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg

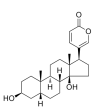


Bufalin

Cat. No.: HY-N0877

Bioactivity: Bufalin is an active component isolated from Chan Su, acts as a potent **Na^+/K^+-ATPase** inhibitor, binds to the subunit α1, α2 and α3, with **K_d** of 42.5, 45 and 40 nM, respectively [1] [2]. Anti-cancer activity [2].

Purity: 98.85%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg



Bufotalin

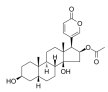
Cat. No.: HY-N0878

Bioactivity: Bufotalin is a cardiotoxic bufanolide steroid, cardiac glycoside analogue, secreted by a number of toad species; a novel anti-osteoblastoma agent. IC50 value: Target: in vitro: bufotalin induced osteoblastoma cell death and apoptosis in dose- and time-dependent manners. Further, bufotalin induced...

Purity: 98.93%

Clinical Data: No Development Reported

Size: 10mM x 1mL in DMSO, 5 mg, 10 mg



Campesterol

((24R)-5-Ergosten-3β-ol)

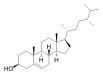
Cat. No.: HY-N1459

Bioactivity: Campesterol is a plant sterol with cholesterol lowering and anticarcinogenic effects.

Purity: 98.0%

Clinical Data: No Development Reported

Size: 2 mg, 5 mg, 10 mg, 25 mg



Cholesterol

Cat. No.: HY-N0322

Bioactivity: Cholesterol is the major sterol in mammals, and its importance in fundamental cellular processes is becoming more appreciated. IC50 value: Target: In vitro: GT1-7 hypothalamic cells subjected to cholesterol depletion in vitro produced 20-31% reductions in cellular cholesterol content, similar to...

Purity: 98.0%

Clinical Data: Phase 4

Size: 500 mg

Cholesterol myristate

(Cholesteryl myristate; Cholesteryl tetradecanoate)

Cat. No.: HY-N2338

Bioactivity: Cholesterol myristate is a natural steroid present in traditional Chinese medicine. Cholesterol myristate binds to several ion channels such as the **nicotinic acetylcholine receptor**, **GABAA receptor**, and the inward-rectifier **potassium ion channel**.

Purity: 98.0%

Clinical Data: No Development Reported

Size: 250 mg

Cimiracemoside D

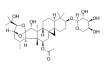
Cat. No.: HY-N0900

Bioactivity: Cimiracemoside D is a natural product found in Actaea racemosa with unknown details.

Purity: >98%

Clinical Data: No Development Reported

Size: 10mM x 1mL in DMSO, 5 mg, 10 mg



Cinobufagin

(Cinobufagine)

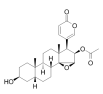
Cat. No.: HY-N0421

Bioactivity: Cinobufagin, a kind of Chinese materia medica with antitumor effect, is widely used in clinical practice, especially in anti-liver cancer. IC50 value: Target: In vitro: Cinobufagin inhibited proliferation of cancer cells at doses of 0.1, 1, or 10 μM after 2–4 days of culture. Cytotoxicity of cinobufagin...

Purity: 98.05%

Clinical Data: No Development Reported

Size: 10mM x 1mL in DMSO, 5 mg, 10 mg



Corticosterone (17-Deoxycortisol; 11β,21-Dihydroxyprogesterone; Kendall's compound B)

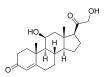
Cat. No.: HY-B1618

Bioactivity: Corticosterone is an adrenocortical steroid that has modest but significant activities as a mineralocorticoid and a glucocorticoid.

Purity: 99.70%

Clinical Data: Phase 3

Size: 10mM x 1mL in DMSO, 50 mg



Cortisone (17-Hydroxy-11-dehydrocorticosterone; Kendall's compound E)

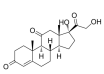
Cat. No.: HY-17461

Bioactivity: Cortisone is a 21-carbon steroid hormone. Cortisone is one of the main hormones released by the adrenal gland in response to stress. Target In chemical structure, it is a corticosteroid closely related to cortisol. It is used to treat a variety of ailments and can be administered intravenously,...

Purity: 99.90%

Clinical Data: Launched

Size: 10mM x 1mL in DMSO, 100 mg, 500 mg



Cortisone acetate

(Cortisone 21-acetate)

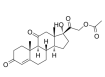
Cat. No.: HY-17461A

Bioactivity: Cortisone acetate (17-hydroxy-11-dehydrocorticosterone), a 21-carbon steroid hormone, is one of the main hormones released by the adrenal gland in response to stress. IC50 Value: Target: Glucocorticoid Receptor in vitro: Cortisone suppressed this apoptosis at a concentration range of 1-10,000...

Purity: 99.42%

Clinical Data: Launched

Size: 10mM x 1mL in DMSO, 100 mg, 500 mg



Cyclopamine

(11-Deoxojervine)

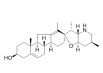
Cat. No.: HY-17024

Bioactivity: Cyclopamine is a **Hedgehog** (**Hh**) pathway antagonist with an $\mathbf{IC_{50}}$ of 46 nM in the Hh cell assay.

Purity: 99.97%

Clinical Data: No Development Reported

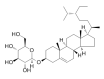
Size: 5 mg, 10 mg, 50 mg, 100 mg



Daucosterol
(Eleutheroside A; β-Sitosterol β-D-glucoside) Cat. No.: HY-N0410

Bioactivity: Daucosterol is a natural sterolin.

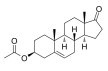
Purity: 81.59%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg, 25 mg



Dehydroisoandrosterone 3-acetate
(Dehydroepiandrosterone 3-acetate; DHEA acetate) Cat. No.: HY-B1405

Bioactivity: Dehydroepiandrosterone 3-acetate is a testosterone/estrogen precursor and known modulator of vertebrate aggression.

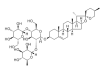
Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 1 g, 5 g



Deltonin
Cat. No.: HY-N2283

Bioactivity: Deltonin, a steroidal saponin, isolated from Dioscorea zingiberensis Wright, with antitumor activity; Deltonin inhibits **ERK1/2** and **AKT** activation.

Purity: 99.0%
Clinical Data: No Development Reported
Size: 5 mg



Deoxycholic acid
(Cholanoic Acid; Desoxycholic acid) Cat. No.: HY-N0593

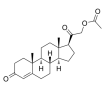
Bioactivity: Deoxycholic acid is specifically responsible for activating the G protein-coupled bile acid receptor **TGR5** that stimulates brown adipose tissue (BAT) thermogenic activity.

Purity: 99.13%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 100 mg, 500 mg

Deoxycorticosterone acetate (11-Deoxycorticosterone acetate; DOC acetate; Cortexone acetate)
Cat. No.: HY-B1472

Bioactivity: Deoxycorticosterone acetate is a steroid hormone produced by the adrenal gland that possesses mineralocorticoid activity and acts as a precursor to aldosterone.

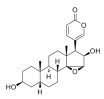
Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 100 mg



Desacetylcinobufagin
(Deacetylcinobufagin) Cat. No.: HY-N0881

Bioactivity: Desacetylcinobufagin is a natural compound used for microbial transformation.

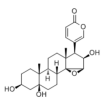
Purity: 99.04%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg



Desacetylcinobufotalin
(Deacetylcinobufotalin) Cat. No.: HY-N0882

Bioactivity: Desacetylcinobufotalin is a natural compound; apoptosis inducer and shows the marked inhibition effect to HepG2 cells and the IC50 value is 0.0279μmol/ml.

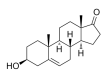
Purity: >98%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg



DHEA (Prasterone; Dehydroisoandrosterone; Dehydroepiandrosterone)
Cat. No.: HY-14650

Bioactivity: DHEA (Prasterone) is one of the most abundant steroid hormones. DHEA (Prasterone) mediates its action via multiple signaling pathways involving specific membrane receptors and via transformation into androgen and estrogen derivatives (e.g., androgens, estrogens, 7α and 7β DHEA, and 7α and 7β...

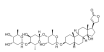
Purity: 98.0%
Clinical Data: Phase 4
Size: 10mM x 1mL in DMSO, 100 mg, 500 mg



Digitoxin
Cat. No.: HY-B1357

Bioactivity: Digitoxin is an effective Na+/K+-ATPase inhibitor, the EC50 value of Digitoxin is 0.78 μM.

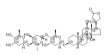
Purity: 99.18%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 5 mg



Digoxin
(12β-Hydroxydigitoxin) Cat. No.: HY-B1049

Bioactivity: Digoxin is a potent inhibitor of **Na+/K+-ATPase**, clinically used to treat arrhythmia and heart failure.

Purity: 98.92%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 100 mg, 500 mg



Dinoprost

(Prostaglandin F2a; PGF2α) Cat. No.: HY-12956

Bioactivity: Dinoprost(Prostaglandin F2α) is a naturally occurring prostaglandin used in medicine to induce labor and as an abortifacient.

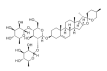
Purity: >98%
Clinical Data: No Development Reported
Size: 5 mg, 10 mg

Dioscin

(Collettiside III; CCRIS 4123) Cat. No.: HY-N0124

Bioactivity: Dioscin(CCRIS 4123; Collettiside III) is a natural steroid saponin derived from several plants, showing potent anti-cancer effect against a variety of tumor cell lines. IC50 value: Target: Anticancer agent in vitro: dioscin (1, 2 and 4 μmol/L) could significantly inhibit the viability of LNCaP...

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg, 50 mg

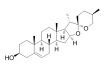


Diosgenin

Cat. No.: HY-N0177

Bioactivity: Diosgenin, a steroidal saponin, can inhibit **STAT3** signaling pathway.

Purity: 98.0%
Clinical Data: No Development Reported
Size: 50 mg



Epiandrosterone

(3β-Androsterone; trans-Androsterone; iso-Androsterone) Cat. No.: HY-I0352

Bioactivity: Epiandrosterone is a steroid hormone with weak androgenic activity. Epiandrosterone is naturally produced by the enzyme 5α-reductase from the adrenal hormone DHEA.

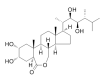
Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 1 g, 5 g

Epibrassinolide

(24-Epibrassinolide; B1105; BP55) Cat. No.: HY-N0848

Bioactivity: Epibrassinolide is a natural brassinosteroid (BR) derivative, is a plant regulator with a similar structure to mammalian steroids. Epibrassinolide is a potential **apoptotic inducer** in various cancer cells without affecting the non-tumor cell growth.

Purity: 98.00%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg, 50 mg, 100 mg, 500 mg



Ercalcidiol

(25-hydroxy Vitamin D2) Cat. No.: HY-32349

Bioactivity: Ercalcidiol is a metabolite of **vitamin D_2**, is regarded as an indicator of vitamin D nutritional status.

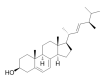
Purity: 98.93%
Clinical Data: No Development Reported
Size: 1 mg, 5 mg, 10 mg, 25 mg

Ergosterol

(Ergosterin; Provitamin D; Provitamin D2) Cat. No.: HY-N0181

Bioactivity: Ergosterol is the primary sterol found in fungi, with antioxidative, anti-proliferative, and anti-inflammatory effects.

Purity: >98%
Clinical Data: No Development Reported
Size: 100 mg

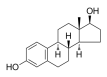


Estradiol

(β-Estradiol; E2; 17β-Estradiol; 17β-Oestradiol) Cat. No.: HY-B0141

Bioactivity: Estradiol is a steroid sex hormone vital to the maintenance of fertility and secondary sexual characteristics in females.

Purity: 99.99%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 1 g



Estrone

(E1; Oestrone) Cat. No.: HY-B0234

Bioactivity: Estrone is an estrogenic hormone. Target: Estrogen Receptor/ERR Estrone (E1) is an estrogenic hormone secreted by the ovary as well as adipose tissue with the chemical name of 3-hydroxyestra-1,3,5(10)-triene-17-one and the chemical formula C18H22O2. Estrone is one of several natural estrogens,...

Purity: 99.86%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 1 g, 5 g, 10 g

Ethynyl Estradiol

(17α-Ethynylestradiol; Ethynylestradiol) Cat. No.: HY-B0216

Bioactivity: Ethynyl estradiol is an orally bio-active estrogen used in almost all modern formulations of combined oral contraceptive pills. Target: Estrogen Receptor Ethinyl estradiol (EE), also sometimes written as ethinylestradiol, ethynyl estradiol, or ethinyl estradiol, is a derivative of 17β-estradiol (E2), the...

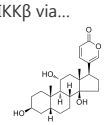
Purity: 99.87%
Clinical Data: Phase 4
Size: 10mM x 1mL in DMSO, 100 mg, 500 mg

Gamabufotalin

(Gamabufagin) Cat. No.: HY-N0883

Bioactivity: Gamabufotalin (Gamabufagin), a major bufadienolide of Chansu, has been used for cancer therapy due to its desirable metabolic stability and less adverse effect. IC50 value: Target: in vitro: Gamabufotalin (CS-6) strongly suppressed COX-2 expression by inhibiting the phosphorylation of IKKβ via...

Purity: 99.96%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg

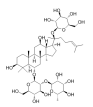


Ginsenoside Re

(Ginsenoside B2; Panaxoside Re; Sanchinoside Re) Cat. No.: HY-N0044

Bioactivity: Ginsenoside Re (Ginsenoside B2) is an extract from Panax notoginseng. Ginsenoside Re decreases the **β-amyloid** protein (**Aβ**). Ginsenoside Re plays a role in antiinflammation through inhibition of **JNK** and **NF-κB**.

Purity: 98.04%
Clinical Data: Phase 1
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg



Glycochenodeoxycholic acid

(Chenodeoxycholylglycine) Cat. No.: HY-N2334

Bioactivity: Glycochenodeoxycholic acid is a bile salt formed in the liver from chenodeoxycholate and glycine; used to induce hepatocyte apoptosis in research.

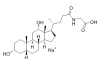
Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 10 mg

Glycodeoxycholate Sodium

(Sodium glycyldeoxycholate) Cat. No.: HY-N1427

Bioactivity: Glycodeoxycholate Sodium is a bile salt.

Purity: >98%
Clinical Data: No Development Reported
Size: 100 mg

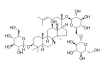


Gypenoside XVII

(Gynosaponin S) Cat. No.: HY-N0553

Bioactivity: Gypenoside XVII, a novel phytoestrogen belonging to the gypenosides, can activate **estrogen receptors**.

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg

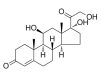


Hydrocortisone

(Cortisol) Cat. No.: HY-N0583

Bioactivity: Hydrocortisone is a steroid hormone or glucocorticoid secreted by the adrenal cortex.

Purity: 99.66%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 1 g, 5 g

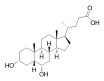


Hyodeoxycholic acid

(HDCA) Cat. No.: HY-N0169

Bioactivity: Hyodeoxycholic acid is a secondary bile acid formed in the small intestine by the gut flora, and acts as a **TGR5 (GPCR19)** agonist, with an EC_{50} of 31.6 μM in CHO cells.

Purity: >98%
Clinical Data: No Development Reported
Size: 100 mg

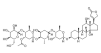


Lanatoside C

Cat. No.: HY-B1030

Bioactivity: Lanatoside C is a cardiac glycoside, can be used in the treatment of congestive heart failure and cardiac arrhythmia.Lanatoside C has an IC50 of 0.19 μM for dengue virus infection in HuH-7 cells. Target: in vitro: Dose-dependent reduction in dengue viral RNA and viral...

Purity: 98.10%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 10 mg

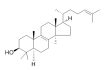


Lanosterol

Cat. No.: HY-W020033

Bioactivity: Lanosterol is a key triterpenoid intermediate in the biosynthesis of Cholesterol.

Purity: 98.0%
Clinical Data:
Size: 1 mg

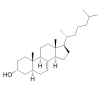


Lathosterol

Cat. No.: HY-113486

Bioactivity: Lathosterol is a cholesterol-like molecule. Serum Lathosterol concentration is an indicator of whole-body cholesterol synthesis.

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg

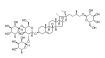


Methyl protodioscin

(NSC-698790; Smilax saponin B) Cat. No.: HY-N0863

Bioactivity: Methyl protodioscin(NSC-698790) is a furostanol bisglycoside with antitumor properties; shows to reduce proliferation, cause cell cycle arrest.

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg

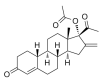


Nestoron

(Elcometrine; Nestorone; ST-1435) Cat. No.: HY-13071

Bioactivity: Nestoron(ST1435; Elcometrine) is a 19-norprogesterone derivative and steroidal progestin which is used as a hormonal contraceptive; a high-affinity agonist of the progesterone receptor.

Purity: 99.41%
Clinical Data: Phase 3
Size: 10mM x 1mL in DMSO, 10 mg, 50 mg

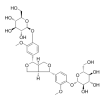


Pinoresinol Diglucoside

Cat. No.: HY-N0657

Bioactivity: Pinoresinol Diglucoside is one of the major lignans with various pharmacological activities which could be isolated from Duzhong and other plant species.

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg, 50 mg

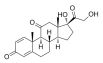


Prednisone

(Dehydrocortisone) Cat. No.: HY-B0214

Bioactivity: Prednisone (Adasone) is a synthetic corticosteroid agent that is particularly effective as an immunosuppressant compound. Target: Others Prednisone is a synthetic corticosteroid drug that is particularly effective as an immunosuppressant drug. It is used to treat certain inflammatory diseases (such as...

Purity: 99.35%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 1 g, 5 g



Pregnenolone

(Arthenolone; 3β-Hydroxy-5-pregnen-20-one) Cat. No.: HY-B0151

Bioactivity: Pregnenolone acts as a signaling-specific inhibitor of **cannabinoid CB1 receptor**, reduces several effects of tetrahydrocannabinol (THC).

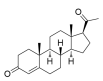
Purity: 98.0%
Clinical Data: Phase 4
Size: 10mM x 1mL in DMSO, 1 g, 5 g

Progesterone

(Pregn-4-ene-3,20-dione) Cat. No.: HY-N0437

Bioactivity: Progesterone is a steroid hormone that regulates the menstrual cycle and is crucial for pregnancy.

Purity: 98.79%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 100 mg, 1 g, 5 g

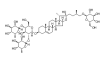


Protodioscin

Cat. No.: HY-N0799

Bioactivity: Protodioscin, a major steroidal saponin in dioscoreae rhizome, has been shown to exhibit multiple biological actions, such as anti-hyperlipidemia, anti-cancer, sexual effects and cardiovascular properties.

Purity: 98.46%
Clinical Data: No Development Reported
Size: 5 mg, 10 mg, 25 mg

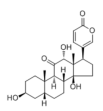


Pseudobufarenogin

(ψ-Bufarenogin) Cat. No.: HY-N0879

Bioactivity: Pseudobufarenogin is a natural compound extracted from toad species with unknown details.

Purity: >98%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg

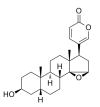


Resibufogenin

(Bufogenin; Recibufogenin) Cat. No.: HY-N0815

Bioactivity: Resibufogenin, a component of huachansu, has been shown to exhibit the anti-proliferative effect against cancer cells, and this may be attributed to the degradation of cyclin D1 caused by the activation of GSK-3β.

Purity: 99.33%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg, 50 mg

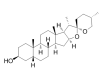


Sarsasapogenin

(Parigenin; Sarsagenin) Cat. No.: HY-N0073

Bioactivity: Sarsasapogenin is a sapogenin from the Chinese medical herb Anemarrhena asphodeloides Bunge, with antidiabetic, anti-oxidative, anticancer and anti-inflamatory activities.

Purity: 99.20%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 25 mg, 50 mg, 100 mg

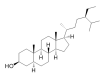


Stigmastanol

Cat. No.: HY-113494

Bioactivity: Stigmastanol is a phytosterol found in a variety of plant sources.

Purity: >98%
Clinical Data: No Development Reported
Size: 5 mg, 10 mg



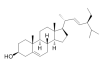
Stigmasterol

(Stigmasterin)

Cat. No.: HY-N0131

Bioactivity: Stigmasterol is a plant sterol which has been focused on the cholesterol-lowering activity and is valued as an anti-stiffness factor in the therapy of rheumatic diseases.

Purity: 98.0%
Clinical Data: No Development Reported
Size: 100 mg

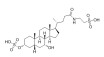


Taurochenodeoxycholate-3-sulfate

Cat. No.: HY-111769

Bioactivity: Taurochenodeoxycholate-3-sulfate is a bile salt found in urine [1].

Purity: >98%
Clinical Data: No Development Reported
Size: 500 mg, 250 mg



Taurochenodeoxycholic acid

(12-Deoxycholyltaurine)

Cat. No.: HY-N2027

Bioactivity: Taurochenodeoxycholic acid is one of the main bioactive substances of animals' bile acid.

Purity: 99.80%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 50 mg

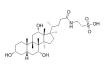
Taurocholic acid

(N-Choloyltaurine; NSC 25505)

Cat. No.: HY-B1788

Bioactivity: Taurocholic acid is a bile acid involved in the emulsification of fats.

Purity: >98%
Clinical Data: No Development Reported
Size: 50 mg



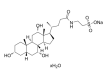
Taurocholic Acid sodium hydrate

(Sodium taurocholate hydrate)

Cat. No.: HY-B1131

Bioactivity: Taurocholic Acid sodium hydrate is a bile acid involved in the emulsification of fats.

Purity: 96.84%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 250 mg



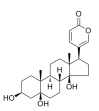
Telocinobufagin

(Telobufotoxin; Telocinobufogenin)

Cat. No.: HY-N0885

Bioactivity: Telocinobufagin is one of anti-hepatoma constituent in Venenum Bufonis.

Purity: >98%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg



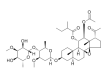
Tenacissoside H

(Tenacissimoside C)

Cat. No.: HY-N0670

Bioactivity: Tenacissoside H is a Chinese medicine monomer extracted, isolated from Caulis Marsdeniae Tenacissimae.

Purity: 99.66%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg, 25 mg



Ursodiol

(Ursodeoxycholic acid; UDCS)

Cat. No.: HY-13771

Bioactivity: Ursodiol reduces cholesterol absorption and is used to dissolve gallstones. Target: Others Ursodiol, also known as ursodeoxycholic acid and the abbreviation UDCA, is one of the secondary bile acids, which are metabolic byproducts of intestinal bacteria. The drug reduces cholesterol absorption...

Purity: 98.0%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 1 g, 5 g

Vitamin D2

(Ergocalciferol; Calciferol; Ercalciol)

Cat. No.: HY-76542

Bioactivity: Vitamin D2 (Ergocalciferol) is a form of vitamin D, used as a vitamin D supplement. Target: Ergocalciferol is a secosteroid formed by a photochemical bond breaking of a steroid, specifically, by the action of ultraviolet light on ergosterol.

Purity: 98.0%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 5 g, 10 g

Withaferin A

Cat. No.: HY-N2065

Bioactivity: Withaferin A is a steroidal lactone isolated from Withania somnifera, inhibits **NF-kB** activation and targets **vimentin**, with potent antiinflammatory and anticancer activities.

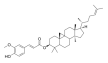
Purity: 99.92%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 1 mg, 5 mg

γ-Oryzanol

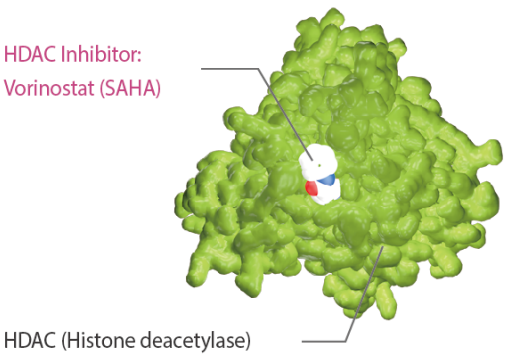
Cat. No.: HY-B2194

Bioactivity: γ-Oryzanol is a potent **DNA methyltransferases** (**DNMTs**) inhibitor in the striatum of mice. γ-Oryzanol significantly inhibits the activities of **DNMT1** ($\mathbf{IC_{50}}$=3.2 μM), **DNMT3a** ($\mathbf{IC_{50}}$=22.3 μM).

Purity: 95.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 1 g



Alkaloid



Alkaloids are a group of naturally occurring chemical compounds that mostly contain basic nitrogen atoms, produced by a large variety of organisms including bacteria, fungi, plants, and animals. This group also includes some related compounds with neutral and even weakly acidic properties. Compounds like amino acid peptides, proteins, nucleotides, nucleic acid, amines, and antibiotics are usually not called alkaloids. Alkaloids have a wide range of pharmacological activities including antimalarial, antiasthma, anticancer, cholinomimetic, vasodilatory, antiarrhythmic, analgesic, antibacterial, and antihyperglycemic activities. Many have found use in traditional or modern medicine, or as starting points for drug discovery. Other alkaloids possess psychotropic and stimulant activities, and have been used in entheogenic rituals or as recreational drugs. Alkaloids can be toxic too. Although alkaloids act on a diversity of metabolic systems in humans and other animals, they almost uniformly evoke a bitter taste.

Alkaloid Inhibitors & Modulators

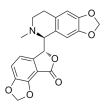
(+)-Bicuculline

(d-Bicuculline)

Cat. No.: HY-N0219

Bioactivity: (+)-Bicuculline is a light-sensitive competitive antagonist of **GABA-A receptor**.

Purity: 99.97%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 50 mg, 100 mg, 250 mg

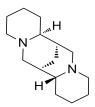


(+)-Sparteine

Cat. No.: HY-W008350

Bioactivity: (+)-Sparteine is a natural alkaloid acting as a ganglionic blocking agent. (+)-Sparteine competitively blocks **nicotinic ACh receptor** in the neurons.

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in Water, 100 mg

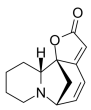


(+)-Viroallosecurinine

Cat. No.: HY-N5002

Bioactivity: (+)-Viroallosecurinine, isolated from Securinega virosa as a cytotoxic alkaloid, exhibits a MIC of 0.48 μg/mL for Ps. Aeruginosa and Staph. aureus [1]. Antibacterial activity [1].

Purity: >98%
Clinical Data: No Development Reported
Size: 5 mg, 10 mg



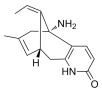
(-)-Huperzine A

(Huperzine A)

Cat. No.: HY-17387

Bioactivity: Huperzine A, an active Lycopodium alkaloid extracted from traditional Chinese herb, is a potent, selective and reversible acetylcholinesterase (AChE) inhibitor and has been widely used in China for the treatment of Alzheimer's disease (AD).

Purity: 98.0%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg

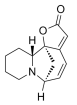


(-)-Securinine

Cat. No.: HY-N2079

Bioactivity: (-)-Securinine is plant-derived alkaloid and also a **$GABA_A$ receptor** antagonist.

Purity: 98.0%
Clinical Data: No Development Reported
Size: 5 mg, 10 mg, 25 mg



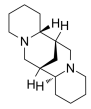
(-)-Sparteine

((-)-Lupinidine)

Cat. No.: HY-W012185

Bioactivity: (-)-Sparteine is a natural alkaloid isolated from beans.

Purity: 98.0%
Clinical Data: No Development Reported
Size: 100 mg



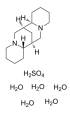
(-)-Sparteine sulfate pentahydrate

((-)-Lupinidine (sulfate pentahydrate))

Cat. No.: HY-B1304

Bioactivity: (-)-Sparteine sulfate pentahydrate ((-)-Lupinidine sulfate pentahydrate) is a class 1a antiarrhythmic agent and a sodium channel blocker. It is an alkaloid, can chelate the bivalents calcium and magnesium.

Purity: 98.0%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 50 mg



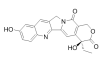
(S)-10-Hydroxycamptothecin

(10-HCPT; 10-Hydroxycamptothecin)

Cat. No.: HY-N0095

Bioactivity: (S)-10-Hydroxycamptothecin is a clinical therapy agent against hepatoma.

Purity: 99.38%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 50 mg, 100 mg

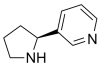


(S)-Nornicotine

Cat. No.: HY-W040430

Bioactivity: (S)-Nornicotine is a metabolite of nicotine.

Purity: >98%
Clinical Data:
Size: 5 mg

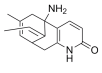


(±)-Huperzine A

Cat. No.: HY-17388

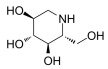
Bioactivity: Huperzine A, an active Lycopodium alkaloid extracted from traditional Chinese herb, is a potent, selective and reversible acetylcholinesterase (AChE) inhibitor and has been widely used in China for the treatment of Alzheimer's disease (AD). IC50 value: Target: AChE Huperzine A exhibited...

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg



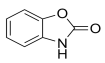
1-Deoxynojirimycin
(Duvoglustat) Cat. No.: HY-14860

Bioactivity: 1-Deoxynojirimycin (DNJ, Duvoglustat) is a potent α-glucosidase inhibitor, suppresses postprandial blood glucose, thereby possibly preventing diabetes mellitus. Target: α-glucosidase 1-Deoxynojirimycin is an alpha-glucosidase inhibitor, most commonly found in mulberry...
Purity: 98.0%
Clinical Data: Phase 2
Size: 10mM x 1mL in Water, 5 mg, 10 mg, 25 mg, 50 mg



2-Benzoxazolinone (2-Benzoxazolone; 1,3-Benzoxazol-2(3H)-one; 2-Hydroxybenzoxazole) Cat. No.: HY-W015818

Bioactivity: 2-Benzoxazolinone is an **anti-leishmanial** agent with an **LC_{50}** of 40 μg/mL against L. donovani [1]. A building block in chemical synthesis. 1,3-Benzoxazol-2(3H)-one derivatives have antimicrobial activity against a selection of Gram-positi...
Purity: 99.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 100 mg

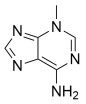


3-Hydroxypicolinic acid (Picolinic acid, 3-hydroxy-(6CI,7CI,8CI); 2-Carboxy-3-hydroxypyridine) Cat. No.: HY-Y0030

Bioactivity: 3-Hydroxypicolinic acid is a picolinic acid derivative, and belongs to the pyridine family.
Purity: 97.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 1 g

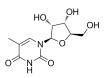
3-Methyladenine
(3-MA) Cat. No.: HY-19312

Bioactivity: 3-Methyladenine is a **PI3K** inhibitor. 3-Methyladenine is a widely used inhibitor of **autophagy** via its inhibitory effect on class III PI3K.
Purity: 99.84%
Clinical Data: No Development Reported
Size: 50 mg, 100 mg, 200 mg, 500 mg



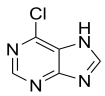
5-Methyluridine
Cat. No.: HY-W009444

Bioactivity: 5-Methyluridine is a is an endogenous methylated nucleoside found in human fluids.
Purity: 98.82%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 1 g



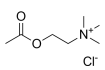
6-Chloropurine
(6-Chloro-9H-purine) Cat. No.: HY-Y0247

Bioactivity: 6-Chloropurine is a building block in chemical synthesis. Intermediate in the preparation of 9-alkylpurines and 6-rnercaptopurine. Antitumor activities [1].
Purity: 97.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 100 mg



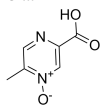
Acetylcholine chloride
(Ach; ACh chloride) Cat. No.: HY-B0282

Bioactivity: Acetylcholine (chloride) is a common **neurotransmitter** found in the central and peripheral nerve system.
Purity: 98.0%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 1 g, 5 g



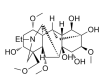
Acipimox
(K-9321) Cat. No.: HY-B0283

Bioactivity: Acipimox is a niacin derivative used as a hypolipidemic agent. Target: Acipimox is a niacin derivative used as a hypolipidemic agent. It is used in low doses and may have less marked adverse effects, although it is unclear whether the recommended dose is as effective as are standard doses of...
Purity: 99.0%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 50 mg, 100 mg



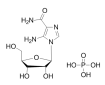
Aconine
(Jesaconine) Cat. No.: HY-N0277

Bioactivity: Aconine inhibits receptor activator of nuclear factor (NF)-κB ligand (RANKL)-induced **NF-κB** activation.
Purity: 99.23%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg



AICAR phosphate
(Acadesine phosphate; AICA Riboside phosphate) Cat. No.: HY-13417A

Bioactivity: AICAR phosphate is an activator of AMP-activated protein kinase (**AMPK**).
Purity: 98.0%
Clinical Data: Phase 3
Size: 10mM x 1mL in Water, 50 mg, 100 mg, 200 mg, 500 mg

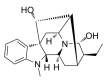


Ajmaline

(Cardiorythmine; (+)-Ajmaline) Cat. No.: HY-B1167

Bioactivity: Ajmaline is an alkaloid that is class Ia antiarrhythmic agent.

Purity: 99.31%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 50 mg, 100 mg

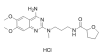


Alfuzosin hydrochloride

(SL 77499-10) Cat. No.: HY-B0192A

Bioactivity: Alfuzosin hydrochloride is an α1 adrenergic receptor antagonist used to treat benign prostatic hyperplasia (BPH).

Purity: >98%
Clinical Data: Launched
Size: 10 mg, 50 mg

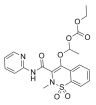


Ampiroxicam

(CP 65703) Cat. No.: HY-17484

Bioactivity: Ampiroxicam(CP65703) is a nonselective cyclooxygenase inhibitor uesd as anti-inflammatory drug. Target: COX Ampiroxicam is a non-steroidal anti-inflammatory drug. It is a prodrug of piroxicam. Ampiroxicam inhibits the stretching response in mice induced by phenylbenzoquinone (PBQ) with...

Purity: 97.36%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 10 mg, 50 mg

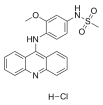


Amsacrine hydrochloride

(m-AMSA hydrochloride; acridinyl anisidide hydrochloride) Cat. No.: HY-13551A

Bioactivity: Amsacrine hydrochloride (mAMSA hydrochloride) is an inhibitor of **topoisomerase II**, and acts as an antineoplastic agent which can intercalates into the DNA of tumor cells.

Purity: >98%
Clinical Data: Launched
Size: 10 mg, 50 mg, 100 mg

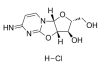


Ancitabine hydrochloride (Cyclocytidine hydrochloride; Cyclo-CMP hydrochloride; Cyclo-C)

Cat. No.: HY-N0093

Bioactivity: Ancitabine (hydrochloride) is an important antileukemia drugs.

Purity: 98.59%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 200 mg, 1 g

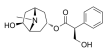


Anisodamine

(6-Hydroxyhyoscyamine) Cat. No.: HY-N0584

Bioactivity: Anisodamine is an anticholinergic and α1-adrenergic receptor antagonist used in the treatment of acute circulatory shock, is also a naturally occurring tropane alkaloid found in some plants of the Solanaceae family.

Purity: 98.0%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 100 mg

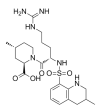


Argatroban

(MD-805; MCI-9038; Argipidine) Cat. No.: HY-B0375

Bioactivity: Argatroban (MD-805) is a direct, selective thrombin inhibitor.

Purity: >98%
Clinical Data: Launched
Size: 10 mg, 50 mg, 100 mg

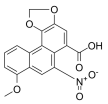


Aristolochic acid A

(Aristolochic acid I; TR 1736) Cat. No.: HY-N0510

Bioactivity: Aristolochic acid A (Aristolochic acid I) is the main component of plant extract Aristolochic acids, which are found in various herbal plants of genus Aristolochia and Asarum. AAI significantly reduces both activator protein 1 (AP-1) and **NF-κB** activities. Aristolochic acid A reduces BLCAP gene...

Purity: 99.98%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 10 mg, 25 mg

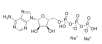


ATP disodium salt (Disodium adenosine triphosphate; Adenosine 5'-triphosphate disodium salt)

Cat. No.: HY-B0345A

Bioactivity: ATP is a phosphate-group donor for substrate activation in metabolic reactions and the coenzyme for a large number of kinases.

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in Water, 1 g, 5 g

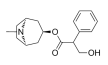


Atropine

(Tropine tropate; DL-Hyoscyamine) Cat. No.: HY-B1205

Bioactivity: Atropine is a medication used to treat certain types of nerve agent and pesticide poisonings, some types of slow heart rate, and to decrease saliva production during surgery.

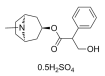
Purity: 99.55%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 100 mg



Atropine sulfate
(Sulfatropinol) Cat. No.: HY-B1205A

Bioactivity: Atropine sulfate is a competitive muscarinic acetylcholine receptor antagonist.

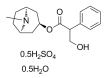
Purity: >98%
Clinical Data: Launched
Size: 100 mg



Atropine sulfate monohydrate
(Atropine sulfate hydrate) Cat. No.: HY-B0394

Bioactivity: Atropine sulfate monohydrate is a competitive muscarinic acetylcholine receptor antagonist. Target: mAChR Atropine is a naturally occurring tropane alkaloid extracted from deadly nightshade (Atropa belladonna), Jimson weed (Datura stramonium), mandrake (Mandragora officinarum) and other...

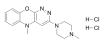
Purity: 99.62%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 100 mg



Azaphen (Azafen; Pipofezin hydrochloride; Pipofezine hydrochloride)
Cat. No.: HY-A0022

Bioactivity: Pipofezine(Azafen or Azaphen) is a potent inhibitor of the reuptake of serotonin.

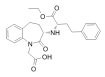
Purity: >98%
Clinical Data: Launched
Size: 100 mg, 500 mg



Benazepril
Cat. No.: HY-B0093

Bioactivity: Benazepril, an angiotensin converting enzyme inhibitor, which is a medication used to treat high blood pressure.

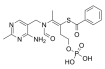
Purity: >98%
Clinical Data: Launched
Size: 1 g, 5 g



Benfotiamine
(S-Benzoylthiamine O-monophosphate) Cat. No.: HY-17374

Bioactivity: Benfotiamine is a synthetic S-acyl derivative of thiamine (vitamin B1); an antioxidant dietary supplement. IC50 value: Target: Benfotiamine, the lipid-soluble thiamine derivative used as a treatment for diabetic neuropathy, can inhibit three major pathways(the hexosamine pathway, the advanced glycation...

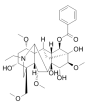
Purity: 99.58%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 1 g, 5 g



Benzoylaconine
(Isaconitine; Pikraconitin) Cat. No.: HY-N0217

Bioactivity: Benzoylaconine(Isaconitine; Pikraconitin) is an alkaloid in the Chinese traditional medicine Radix Aconiti Lateralis Preparata (Fuzi).

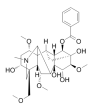
Purity: 99.92%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg



Benzoylmesaconine
(Mesaconine 14-benzoate) Cat. No.: HY-N0218

Bioactivity: Benzoylmesaconine is the most abundant component of Wutou decoction, which is widely used in China because of its therapeutic effect on rheumatoid arthritis.

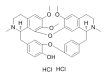
Purity: 98.40%
Clinical Data: No Development Reported
Size: 5 mg, 10 mg



Berbamine dihydrochloride
Cat. No.: HY-N0714A

Bioactivity: Berbamine dihydrochloride is an inhibitor of **NF-κB** activity with remarkable anti-myeloma efficacy.

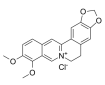
Purity: 95.98%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 200 mg, 500 mg



Berberine chloride
(Natural Yellow 18 (chloride)) Cat. No.: HY-18258

Bioactivity: Berberine chloride is an alkaloid isolated from the Chinese herbal medicine Huanglian, as an **antibiotic**. Berberine chloride induces reactive oxygen species (**ROS**) generation and inhibits **DNA topoisomerase**. Antineoplastic properties [1].

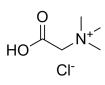
Purity: >98%
Clinical Data: Launched
Size: 100 mg, 500 mg



Betaine hydrochloride
(Betaine chloride) Cat. No.: HY-N0739

Bioactivity: Betaine hydrochloride is a natural compound found in many foods and also an active methyl-donor which can maintain normal DNA methylation patterns.

Purity: 98.0%
Clinical Data: Launched
Size: 10mM x 1mL in Water, 10 g



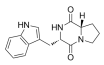
Brevianamide F

(Cyclo(L-Pro-L-Trp))

Cat. No.: HY-100385

Bioactivity: Brevianamide F , also known as cyclo-(L-Trp-L-Pro), belongs to a class of naturally occurring 2,5-diketopiperazines.

Purity: 99.49%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg, 50 mg, 100 mg



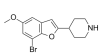
Brofaromine

(CGP 11305A)

Cat. No.: HY-13339

Bioactivity: Brofaromine (CGP 11305A) is a **monoamine oxidase** (**MAO**) inhibitor with **IC_{50}** of 0.2μM for **MAO-A**.

Purity: >98%
Clinical Data: No Development Reported
Size: 1 mg, 5 mg, 10 mg, 20 mg

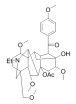


Bulleyaconitine A

Cat. No.: HY-N0239

Bioactivity: Bulleyaconitine A is an analgesic and antiinflammatory drug isolated from Aconitum plants; has several potential targets, including voltage-gated Na+ channels.

Purity: >98%
Clinical Data: No Development Reported
Size: 10 mg, 50 mg



Cantharidin

Cat. No.: HY-N0209

Bioactivity: Cantharidin, a natural toxin isolated from beetles in the families Meloidae and Oedemeridae, has been reported to be toxic to some pests, including the diamondback moth. IC50 value: Target: In vitro: A 48 h treatment of human erythrocytes with cantharidin significantly increased the...

Purity: 98.0%
Clinical Data: Phase 2
Size: 10mM x 1mL in DMSO, 25 mg, 50 mg, 100 mg, 500 mg

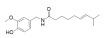
Capsaicin

((E)-Capsaicin; 8-Methyl-N-vanillyl-trans-6-nonenamide)

Cat. No.: HY-10448

Bioactivity: Capsaicin is a **TRPV1** agonist with an **EC_{50}** of 0.29 μM in HEK293 cells.

Purity: 98.39%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 50 mg, 100 mg



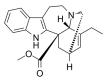
Catharanthine

((+)-3,4-Didehydrocoronaridine)

Cat. No.: HY-N0252

Bioactivity: Catharanthine inhibits nicotinic receptor mediated diaphragm contractions with IC50 of 59.6 μM. Target: nAChR Catharanthine evokes a concentration-dependent attenuation of carbachol responses in the rat ileum preparation, producing rightward curve displacements and decreases in maximal agonist...

Purity: 98.66%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 50 mg, 100 mg

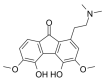


Caulophylline B

Cat. No.: HY-N6672

Bioactivity: Caulophylline B is a fluorenone alkaloid isolated from the roots of Caulophyllum robustum Maxim, affords a low scavenging effect against DPPH radical [1].

Purity: >98%
Clinical Data: No Development Reported
Size:

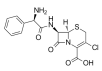


Cefaclor

Cat. No.: HY-B0198

Bioactivity: Cefaclor, is a second-generation cephalosporin antibiotic used to treat certain infections caused by bacteria such as pneumonia and infections of the ear, lung, skin, throat, and urinary tract. Target: Antibacterial Cefaclor belongs to the family of antibiotics known as the cephalosporins...

Purity: 96.18%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 1 g, 5 g

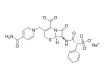


Cefsulodin sodium

Cat. No.: HY-13588

Bioactivity: Cefsulodin sodium salt hydrate is a third generation β lactam antibiotic and member of the cephems subgroub of antibiotics. Target: Antibacterial The compound displays a mechanism of action like many β lactam antibiotics through inhibition of cell wall synthesis by competitively inhibiting penicillin...

Purity: 96.50%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 100 mg



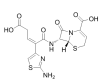
Ceftibuten

(Sch 39720)

Cat. No.: HY-B0698

Bioactivity: Ceftibuten(Sch39720) is a third-generation cephalosporin antibiotic.

Purity: >98%
Clinical Data: Launched
Size: 10 mg, 50 mg, 100 mg

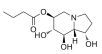


Celgosivir

(MBI 3253; MDL 28574; MX3253) Cat. No.: HY-16134

Bioactivity: Celgosivir (MBI 3253; MDL 28574; MX3253) is a novel α-glucosidase I inhibitor, an enzyme that plays a critical role in viral maturation by initiating the processing of the N-linked oligosaccharides of viral envelope glycoproteins.[1]

Purity: >98%
Clinical Data: Phase 2
Size: 1 mg, 5 mg, 10 mg, 25 mg, 50 mg

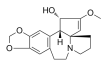


Cephalotaxlen

((-)-Cephalotaxine; ZINC19795976) Cat. No.: HY-N0838

Bioactivity: Cephalotaxine is an antiviral as well as antitumor agent.

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg, 50 mg, 100 mg

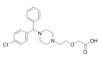


Cetirizine

Cat. No.: HY-17042

Bioactivity: Cetirizine, a second-generation antihistamine, is a major metabolite of hydroxyzine, and a racemic selective H1 receptor inverse agonist used in the treatment of allergies, hay fever, angioedema, and urticaria. IC50 value: Target: Histamine H1 receptor Cetirizine crosses the blood-brain barrier only...

Purity: >98%
Clinical Data: Launched
Size: 100 mg, 200 mg, 500 mg

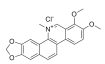


Chelerythrine Chloride

Cat. No.: HY-12048

Bioactivity: Chelerythrine Chloride is a potent, cell-permeable inhibitor of **protein kinase C**, with an $\mathbf{IC_{50}}$ of 660 nM.

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg, 50 mg, 100 mg

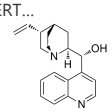


Cinchonidine

(α-Quinidine) Cat. No.: HY-N0173

Bioactivity: Cinchonidine (α-Quinidine) is a cinchona alkaloid found in Cinchona officinalis and Gongronema latifolium. A building block used in asymmetric synthesis in organic chemistry. Weak inhibitor of **serotonin transporter (SERT)** with $\mathbf{K_i}$s of 330, 4.2, 36, 196, 15 μM for dSERT, hSERT, hSERT I172M, hSERT...

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 100 mg

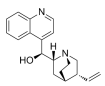


Cinchonine

((8R,9S)-Cinchonine; LA40221) Cat. No.: HY-Y0152

Bioactivity: Cinchonine is a natural compound present in Cinchona bark. Cinchonine activates endoplasmic reticulum stress-induced apoptosis in human liver cancer cells [1].

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 100 mg

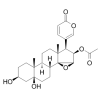


Cinobufotalin

Cat. No.: HY-N0880

Bioactivity: Cinobufotalin is one of the bufadienolides prepared from toad venom; has anticancer activity.

Purity: 99.70%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg

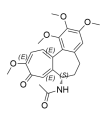


Colchicine

Cat. No.: HY-16569

Bioactivity: Colchicine is a **tubulin** inhibitor and a **microtubule** disrupting agent. Colchicine inhibits microtubule polymerization with an $\mathbf{IC_{50}}$ of 3 nM.

Purity: 99.98%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 200 mg, 500 mg

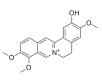


Columbamine

(Columbamin; Dehydroisocorypalmine) Cat. No.: HY-N0926

Bioactivity: Columbamine is a quaternary isoquinoline alkaloid isolated from Argemone mexicana.

Purity: 98.38%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg

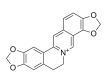


Coptisine

(Coptisin) Cat. No.: HY-N0430

Bioactivity: Coptisine is an alkaloid from Chinese goldthread, and acts as an efficient uncompetitive **IDO** inhibitor with a $\mathbf{K_i}$ value of 5.8 μM and an $\mathbf{IC_{50}}$ value of 6.3 μM.

Purity: >98%
Clinical Data: No Development Reported
Size: 10 mg, 50 mg

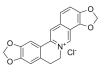


Coptisine chloride

Cat. No.: HY-N0736

Bioactivity: Coptisine chloride is an alkaloid from Chinese goldthread, and acts as an efficient uncompetitive **IDO** inhibitor with a K_i value of 5.8 μM and an IC_{50} value of 6.3 μM.

Purity: 99.29%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg, 50 mg, 100 mg



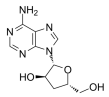
Cordycepin

(3'-Deoxyadenosine)

Cat. No.: HY-N0262

Bioactivity: Cordycepin, which is a nucleoside derivative isolated from Cordyceps, inhibits IL-1β-induced **MMP-1** and **MMP-3** expression in rheumatoid arthritis synovial fibroblasts (RASFs) in a dose-dependent manner.

Purity: 99.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 10 mg, 25 mg, 50 mg



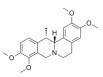
Corydaline

((+)-Corydaline; Corydalin)

Cat. No.: HY-N0923

Bioactivity: Corydaline is an acetylcholinesterase inhibitor isolated from Corydalis yanhusuo.

Purity: 98.17%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg

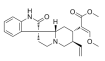


Corynoxeine

Cat. No.: HY-N0590

Bioactivity: Corynoxeine, isolated from the hook of Uncaria rhynchophylla, is a potent **ERK1**/ **ERK2** inhibitor of key PDGF-BB-induced vascular smooth muscle cells (VSMCs) proliferation.

Purity: 99.91%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg

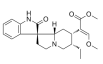


Corynoxine

Cat. No.: HY-N0901

Bioactivity: Corynoxine is an enantiomer of Corynoxine B; induces autophagy in different neuronal cell lines, including N2a and SHSY-5Y cells.

Purity: 99.97%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg

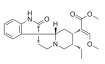


Corynoxine B

Cat. No.: HY-N0901A

Bioactivity: Corynoxine B is an oxindole alkaloid isolated from Uncaria rhynchophylla (Miq.) Jacks (Gouteng in Chinese); a Beclin-1-dependent autophagy inducer.

Purity: 99.76%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg



Cotinine

((-)-Cotinine; (S)-Cotinine; NIH-10498)

Cat. No.: HY-B1178

Bioactivity: Cotinine is an alkaloid found in tobacco and is also the predominant metabolite of nicotine, used as a biomarker for exposure to tobacco smoke.

Purity: 99.42%
Clinical Data: Phase 2
Size: 10mM x 1mL in DMSO, 50 mg, 100 mg

Creatinine

(NSC13123)

Cat. No.: HY-B0504

Bioactivity: Creatinine(NSC13123) is a break-down product of creatine phosphate in muscle, and is usually produced at a fairly constant rate by the body. Target: Others Creatinine is a breakdown product of creatine phosphate in muscle, and is usually produced at a fairly constant rate by the body...

Purity: 99.0%
Clinical Data: Phase 4
Size: 10mM x 1mL in Water, 1 g, 5 g

Cytidine

(Cytosine β-D-riboside; Cytosine-1-β-D-ribofuranoside)

Cat. No.: HY-B0158

Bioactivity: Cytidine is a nucleoside molecule that is formed when cytosine is attached to a ribose ring, cytidine is a component of RNA. Target: Nucleoside antimetabolite/analog Cytidine is a nucleoside molecule that is formed when cytosine is attached to a ribose ring (also known as a ribofuranose) via a...

Purity: 98.97%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 1 g, 5 g

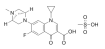
Danofloxacin mesylate

(CP 76136-27)

Cat. No.: HY-B0501

Bioactivity: Danofloxacin Mesylate(CP76136-27 mesylate) is a fluoroquinolone antibacterial for veterinary use.

Purity: 99.59%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg, 50 mg, 100 mg

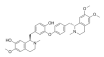


Daurisoline

((R,R)-Daurisoline) Cat. No.: HY-N0221

Bioactivity: Daurisoline is a **hERG** inhibitor and also an **autophagy** blocker.

Purity: 98.02%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg, 25 mg, 50 mg

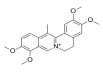


Dehydrocorydaline

(13-Methylpalmatine) Cat. No.: HY-N0674

Bioactivity: Dehydrocorydaline (13-Methylpalmatine) is an alkaloid isolated from traditional Chinese herb Corydalis yanhusuo W.T. Wang. Dehydrocorydaline regulates protein expression of **Bax**, **Bcl-2**; activates **caspase-7**, **caspase-8**, and inactivates **PARP**.

Purity: >98%
Clinical Data: No Development Reported
Size: 5 mg, 10 mg, 50 mg

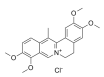


Dehydrocorydaline chloride

(13-Methylpalmatine chloride) Cat. No.: HY-N0674A

Bioactivity: Dehydrocorydaline chloride is an alkaloidal that has anti-inflammatory and anti-cancer activities. Dehydrocorydaline chloride can elevate **p38 MAPK** activation.

Purity: 99.95%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg

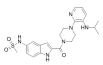


Delavirdine

(U 90152; BHAP-U 90152) Cat. No.: HY-10571

Bioactivity: Delavirdine(U 90152) is a potent non-nucleoside reverse transcriptase inhibitor (NNRTI).

Purity: >98%
Clinical Data: Launched
Size: 10 mg, 50 mg, 100 mg, 200 mg

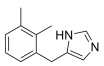


Detomidine

Cat. No.: HY-B0163

Bioactivity: Detomidine produce dose-dependent sedative and analgesic effects, is a nonnarcotic, synthetic α2-adrenergic agonist

Purity: >98%
Clinical Data: Launched
Size: 10 mg, 50 mg, 100 mg

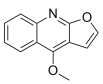


Dictamine

(Dictamnine; Dectamine) Cat. No.: HY-N0849

Bioactivity: Dictamnine (Dictamine) has the ability to exert cytotoxicity in human cervix, colon, and oral carcinoma cells; A natural plant product has been reported to have antimicrobial activity against bacteria and fungi.

Purity: 98.87%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg

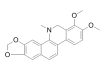


Dihydrochelerythrine

(12,13-Dihydrochelerythrine) Cat. No.: HY-N0903

Bioactivity: Dihydrochelerythrine is a natural compound isolated from the leaves of Macleaya microcarpa; has antifungal activity. IC50 value: Target: in vitro: Dihydrochelerythrine showed the highest antifungal activity against B. cinerea Pers, with 98.32% mycelial growth inhibition at 50 μg/mL....

Purity: 99.39%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg

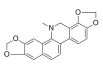


Dihydrosanguinarine

(13,14-Dihydrosanguinarine) Cat. No.: HY-N0902

Bioactivity: Dihydrosanguinarine is a natural compound isolated from the leaves of Macleaya microcarpa; has antifungal and anticancer activity. IC50 value: Target: in vitro: Dihydrosanguinarine showed much less cytotoxicity than sanguinarine: at the highest concentration tested (20 microM) and 24h exposure,...

Purity: 99.80%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg

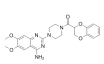


Doxazosin

(UK 33274) Cat. No.: HY-B0098

Bioactivity: Doxazosin(UK 33274) is a quinazoline-derivative that selectively antagonizes postsynaptic α1-adrenergic receptors.

Purity: >98%
Clinical Data: Launched
Size: 100 mg, 500 mg

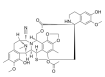


Ecteinascidin 770

(Ecteinascidine 770; Et-770) Cat. No.: HY-101191

Bioactivity: Ecteinascidin 770 (ET-770) is a 1,2,3,4-tetrahydroisoquinoline alkaloid with potent anti-cancer activities; inhibits U373MG cells with an IC_{50} of 4.83 nM.

Purity: 98.82%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 1 mg

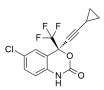


Efavirenz

(DMP 266; EFV; L-743726) Cat. No.: HY-10572

Bioactivity: Efavirenz is a potent inhibitor of the wild-type **HIV-1 reverse transcriptase** with a K_i of 2.93 nM and exhibits an IC_{95} of 1.5 nM for the inhibition of HIV-1 replicative spread in cell culture.

Purity: 99.99%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg, 50 mg

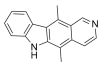


Ellipticine

(NSC 71795) Cat. No.: HY-15753

Bioactivity: Ellipticine (NSC 71795) is a potent antineoplastic agent; inhibits **DNA topoisomerase II** activities.

Purity: >98%
Clinical Data: No Development Reported
Size: 5 mg, 10 mg, 50 mg, 100 mg

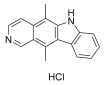


Ellipticine hydrochloride

(NSC 71795 (hydrochloride)) Cat. No.: HY-15753A

Bioactivity: Ellipticine (NSC 71795) hydrochloride is a potent antineoplastic agent; inhibits **DNA topoisomerase II** activities.

Purity: 98.08%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg, 50 mg, 100 mg

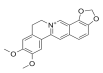


Epiberberine

Cat. No.: HY-N0226

Bioactivity: Epiberberine is an alkaloid isolated from Coptis chinensis, acts as a potent **AChE** and **BChE** inhibitor, and a non-competitive **BACE1** inhibitor, with IC_{50}s of 1.07, 6.03 and 8.55 μM, respectively. Epiberberine has antioxidant activity, w...

Purity: >98%
Clinical Data: No Development Reported
Size: 5 mg, 10 mg, 50 mg

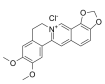


Epiberberine chloride

Cat. No.: HY-N0226A

Bioactivity: Epiberberine chloride is an alkaloid isolated from Coptis chinensis, acts as a potent **AChE** and **BChE** inhibitor, and a non-competitive **BACE1** inhibitor, with IC_{50}s of 1.07, 6.03 and 8.55 μM, respectively. Epiberberine chloride has antioxid...

Purity: 99.60%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg

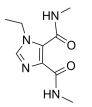


Etimizol

(Ethimizole; Ethymisol; Ethymisole) Cat. No.: HY-13918

Bioactivity: Etimizol(Ethymisole; Antiffine; Ethylnorantifein) was shown to relieve amnesia effectively in the origin of which there is the hypoxic component (hypobaric hypoxia, actinomycin D, mechanical injury of the brain).

Purity: 99.95%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg, 50 mg, 100 mg

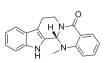


Evodiamine

((+)-Evodiamine; d-Evodiamine) Cat. No.: HY-N0114

Bioactivity: Evodiamine is an alkaloid isolated from the fruit of Evodia rutaecarpa Bentham with diverse biological activities including anti-inflammatory, anti-obesity, and antitumor.

Purity: 99.60%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 50 mg, 100 mg, 200 mg

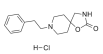


Fenspiride Hydrochloride

Cat. No.: HY-A0027

Bioactivity: Fenspiride HCl is an α adrenergic and H1 histamine receptor antagonist.

Purity: 99.03%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 100 mg

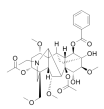


Flaconitine

(Acetylaconitine; 3-Acetylaconitine) Cat. No.: HY-N0276

Bioactivity: Flaconitine is isolated from the ammonium hydroxide wetted root of A.szechenyianum Gay. Flaconitine is considered to be a **NF-κB** inhibitor.

Purity: >98%
Clinical Data: Launched
Size: 5 mg, 10 mg

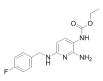


Flupirtine

(D 9998) Cat. No.: HY-17001A

Bioactivity: Flupirtine(D 9998) is a selective neuronal potassium channel opener that also has NMDA receptor antagonist properties.

Purity: >98%
Clinical Data: Launched
Size: 10 mg, 50 mg, 100 mg, 500 mg

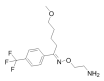


Fluvoxamine

(DU-23000) Cat. No.: HY-B0103

Bioactivity: Fluvoxamine (DU-23000) is an antidepressant which functions pharmacologically as a selective serotonin reuptake inhibitor.

Purity: >98%
Clinical Data: Launched
Size: 10 mg, 50 mg, 100 mg

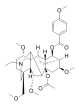


Foresaconitine

(Vilmorrianine C) Cat. No.: HY-N0851

Bioactivity: Foresaconitine(Vilmorrianine C) is a norditerpenoid alkaloid isolated from the processed tubers of Aconitum carmichaeli.

Purity: >98%
Clinical Data: No Development Reported
Size: 5 mg, 10 mg

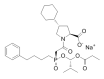


Fosinopril sodium

(SQ28555) Cat. No.: HY-B0382

Bioactivity: Fosinopril Sodium is the ester prodrug of an angiotensin-converting enzyme (ACE) inhibitor, used for the treatment of hypertension and some types of chronic heart failure. Target: ACE Fosinopril is a phosphinic acid-containing ester prodrug that belongs to the...

Purity: 98.0%
Clinical Data: Launched
Size: 10mM x 1mL in Water, 50 mg, 100 mg

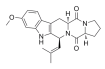


Fumitremorgin C

(12α-Fumitremorgin C) Cat. No.: HY-N2143

Bioactivity: Fumitremorgin C is a potent and selective **ABCG2/BRCP** inhibitor.

Purity: 99.63%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 250u g, 1 mg

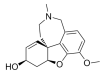


Galanthamine

(Galantamine) Cat. No.: HY-76299

Bioactivity: Galanthamine is a potent acetylcholinesterase (**AChE**) inhibitor with an $\mathbf{IC_{50}}$ of 500 nM.

Purity: 99.90%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 50 mg, 100 mg

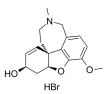


Galanthamine hydrobromide

(Galantamine hydrobromide) Cat. No.: HY-A0009

Bioactivity: Galanthamine hydrobromide is a long-acting, centrally active acetylcholinesterase(AChE) inhibitor (IC50 = 410 nM) and allosteric potentiator at neuronal nicotinic ACh receptors. IC50 Value: 410 nM Target: AChE Galanthamine hydrobromide prevents β-amyloid-induced apoptosis in SH-SY5Y and bovine...

Purity: 99.93%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 100 mg, 500 mg

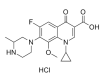


Gatifloxacin hydrochloride (AM 1155 hydrochloride; BMS 206584-01 hydrochloride; PD 135432 hydrochloride)

Cat. No.: HY-10581A

Bioactivity: Gatifloxacin (hydrochloride) is an antibiotic of the fourth-generation fluoroquinolone family, it inhibits the bacterial enzymes DNA gyrase and topoisomerase IV.

Purity: >98%
Clinical Data: Launched
Size: 1 g, 5 g

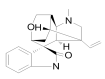


Gelsemine

Cat. No.: HY-N0388

Bioactivity: Gelsemine, an alkaloid from the Chinese herb Gelsemium elegans, is effective in mitigating chronic pain. Antinociceptive and hypnotic effects.

Purity: 99.50%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg



Glycoursodeoxycholic acid

(Ursodeoxycholylglycine) Cat. No.: HY-N1424

Bioactivity: Glycoursodeoxycholic acid, a acyl glycine and a bile acid-glycine conjugate, is a metabolite of ursodeoxycholic acid.

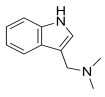
Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 10 mg, 50 mg

Gramine

(Donaxine) Cat. No.: HY-N0166

Bioactivity: Gramine (Donaxine) is a natural alkaloid isolated from giant reed [2], acts as an active **adiponectin receptor (AdipoR)** agonist, with $\mathbf{IC_{50}}$s of 3.2 and 4.2 μM for AdipoR2 and AdipoR1, respectively [1]. Gramine is also a human and mo...

Purity: 99.45%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 50 mg



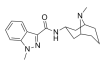
Granisetron

(BRL 43694)

Cat. No.: HY-B0071

Bioactivity: Granisetron (BRL 43694) is a serotonin 5-HT3 receptor antagonist used as an antiemetic to treat nausea and vomiting following chemotherapy.

Purity: >98%
Clinical Data: Launched
Size: 50 mg, 100 mg

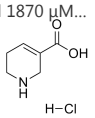


Guvacine hydrochloride

Cat. No.: HY-100809

Bioactivity: Guvacine hydrochloride is an alkaloid from the nut of Areca catechu, acts as an inhibitor of **GABA transporter**, and dispalys modest selectivity for cloned GABA transporters with **IC_{50}**s of 14 μM (human GAT-1), 39 μM (rat GAT-1), 58 μM (rat GAT-2), 119 μM (human GAT-3), 378 μM (rat GAT-3), and 1870 μM...

Purity: >98%
Clinical Data: No Development Reported
Size: 5 mg, 10 mg



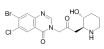
Halofuginone

(RU-19110)

Cat. No.: HY-N1584

Bioactivity: Halofuginone (RU-19110) is a less-toxic form of Febrifugine, which is isolated from the plant Dichroa febrifuga [1]. Halofuginone inhibits **prolyl-tRNA synthetase** in an ATP-dependent manner with a **K_i** of 18.3 nM [2]. Halofugin...

Purity: 98.32%
Clinical Data: Phase 2
Size: 10mM x 1mL in DMSO,
5 mg, 10 mg, 25 mg, 50 mg, 100 mg



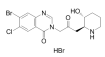
Halofuginone hydrobromide

(RU-19110 (hydrobromide))

Cat. No.: HY-N1584A

Bioactivity: Halofuginone hydrobromide (RU-19110 hydrobromide) is a less-toxic form of Febrifugine, which is isolated from the plant Dichroa febrifuga [1]. Halofuginone inhibits **prolyl-tRNA synthetase** in an ATP-dependent manner with a **K_i** of 18.3...

Purity: 99.94%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO,
5 mg, 10 mg, 25 mg



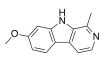
Harmine

(Telepathine)

Cat. No.: HY-N0737A

Bioactivity: Harmine is a natural dual-specificity tyrosine phosphorylation-regulated kinase (**(DYRK)**) inhibitor with anticancer and anti-inflammatory activities.

Purity: 99.78%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO,
500 mg



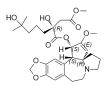
Homoharringtonine

(Omacetaxine mepesuccinate; HHT)

Cat. No.: HY-14944

Bioactivity: Homoharringtonine (Omacetaxine mepesuccinate;HHT) is a cytotoxic alkaloid with antitumor properties which acts by inhibiting **translation elongation**.

Purity: 99.96%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO,
10 mg, 50 mg



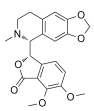
Hydrastine

((-)-β-Hydrastine; (1R,9S)-β-Hydrastine)

Cat. No.: HY-B0927

Bioactivity: Hydrastine is a natural alkaloid which is present in Hydrastis canadensis and other plants of the ranunculaceae family.

Purity: 99.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO,
5 mg, 10 mg

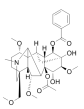


Hypaconitine

Cat. No.: HY-N0267

Bioactivity: Hypaconitine, an active and highly toxic constituent derived from Aconitum species, is widely used to treat rheumatism.

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO,
10 mg, 50 mg



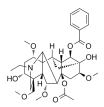
Indaconitine

(15-Deoxyaconitine)

Cat. No.: HY-N0788

Bioactivity: Indaconitine is a natural product.

Purity: >98%
Clinical Data: No Development Reported
Size: 5 mg, 10 mg



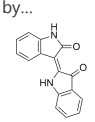
Indirubin

(Couroupitine B; Indigo red; Indigopurpurin)

Cat. No.: HY-N0117

Bioactivity: Indirubin (Couroupitine B) is a purple 3,2- bisindole and a stable isomer of indigo isolated from Indigo naturalis (Apiaceae); anti-inflammatory and anticancer activities. IC50 value: Target: in vitro: The activation of EGF receptor, known to be highly expressed in psoriatic lesions, was inhibited by...

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO,
5 mg, 10 mg, 25 mg, 50 mg, 100 mg, 250 mg

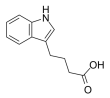


Indole-3-butyric acid

(3-indolebutyric acid) Cat. No.: HY-N0186

Bioactivity: Indole-3-butyric acid (3-indolebutyric acid; IBA) is a plant growth auxin and a good rooting agent. It can promote herbs and woody ornamental plant rooting and used for improving fruit rate.

Purity: 99.66%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 g, 10 g

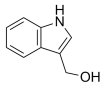


Indole-3-carbinol

(I3C; 3-Indolemethanol) Cat. No.: HY-N0170

Bioactivity: Indole-3-carbinol (I3C) inhibits **NF-κB** activity and also is an **Aryl hydrocarbon receptor** (**AhR**) agonist, and an inhibitor of **WWP1** (WW domain-containing ubiquitin E3 ligase 1).

Purity: 98.0%
Clinical Data: Phase 2
Size: 10mM x 1mL in DMSO, 200 mg, 1 g

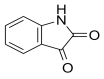


Isatin

(Indoline-2,3-dione) Cat. No.: HY-Y0265

Bioactivity: Isatin (Indoline-2,3-dione) is a potent inhibitor of **monoamine oxidase (MAO)** with an IC_{50} of 3 μM. Also binds to central benzodiazepine receptors (IC $_{50}$ against clonazepam, 123 μM) [1]. Also acts as an antagonist of b...

Purity: 97.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 100 mg

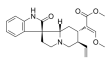


Isocorynoxeine

(7-Isocorynoxeine) Cat. No.: HY-N0775

Bioactivity: Isocorynoxeine, an isorhynchophylline-related alkaloid, exhibits a dose-dependent inhibition of **5-HT_{2A}** receptor-mediated current response with an IC_{50} of 72.4 μM.

Purity: 99.52%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg

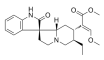


Isorhynchophylline

Cat. No.: HY-N0766

Bioactivity: Isorhynchophylline (IRN), an alkaloid isolated from Uncaria rhynchophylla, possesses the effects of lowered blood pressure, vasodilatation and protection against ischemia-induced neuronal damage.

Purity: 99.90%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg

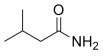


Isovaleramide

(3-Methylbutanamide) Cat. No.: HY-B1229

Bioactivity: Isovaleramide is an active principle on central nervous system from Valeriana pavonii, as an anticonvulsant.

Purity: >98%
Clinical Data: No Development Reported
Size: 100 mg

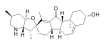


Jervine

(11-Ketocyclopamine) Cat. No.: HY-N0836

Bioactivity: Jervine(11-Ketocyclopamine) is a naturally occuring steroidal alkaloid that causes cyclopia by blocking sonic hedgehog(Shh) signaling; Jervine is an inhibitor of Smo.

Purity: 99.03%
Clinical Data: No Development Reported
Size: 5 mg, 10 mg, 50 mg

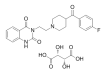


Ketanserin tartrate

(R41468 tartrate) Cat. No.: HY-10562A

Bioactivity: Ketanserin tartrate is a selective **5-HT receptor** antagonist. Ketanserin tartrate also blocks hERG current (I_{hERG}) in a concentration-dependent manner (IC_{50}=0.11 μM).

Purity: 99.97%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 50 mg, 100 mg

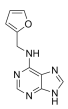


Kinetin

(6-Furfuryladenine; N6-Furfuryladenine) Cat. No.: HY-N0160

Bioactivity: Kinetin (N6-furfuryladenine) belongs to a group of plant growth hormones involved in cell division, differentiation and other physiological processes.

Purity: 99.72%
Clinical Data: Phase 4
Size: 10mM x 1mL in DMSO, 1 g, 5 g

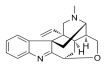


Koumine

Cat. No.: HY-N1440

Bioactivity: Koumine is an alkaloid separated from Gelsemium elegans, shows potent anti-tumor activity. Koumine up-regulates the Bax/Bcl-2 ratio and caspase-3 expression in human breast cancer cells [1]. Koumine has anxiolytic, antistre...

Purity: 99.97%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg

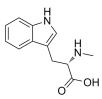


L-(+)-Abrine

(L-Abrine; L-N-Methyltryptophan; N-α-Methyl-L-tryptophan) **Cat. No.:** HY-N1436

Bioactivity: L-(+)-Abrine, a lethal albumin found in Abrus precatorius seeds, is an acute toxic alkaloid and chemical marker for abrin.

Purity: >98%
Clinical Data: No Development Reported
Size: 100 mg

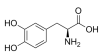


L-DOPA

(Levodopa; 3,4-Dihydroxyphenylalanine) **Cat. No.:** HY-N0304

Bioactivity: L-DOPA is a natural form of DOPA used in the treatment of Parkinson's disease. L-DOPA is the precursor of dopamine and product of tyrosine hydroxylase. Target: Dopamine Receptor L-DOPA (L-3,4-dihydroxyphenylalanine) is a chemical that is made and used as part of the normal biology of humans, some...

Purity: >98%
Clinical Data: Launched
Size: 200 mg, 1 g

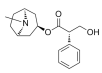


L-Hyoscyamine

(Daturine) **Cat. No.:** HY-N0471

Bioactivity: L-Hyoscyamine is a chemical compound, a tropane alkaloid it is the levo-isomer to atropine.

Purity: 99.08%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 100 mg, 500 mg

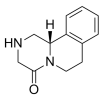


L-Praziquanamine

((+)-Praziquanamine) **Cat. No.:** HY-N1765

Bioactivity: L-Praziquanamine is a natural product.

Purity: 99.92%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg, 25 mg

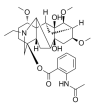


Lappaconitine

((+)-Lappaconitine) **Cat. No.:** HY-N0383

Bioactivity: Lappaconitine, isolated from Aconitum sinomontanum Nakai, was characterized as analgesic principle.

Purity: >98%
Clinical Data: No Development Reported
Size: 10 mg, 50 mg, 100 mg

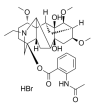


Lappaconitine hydrobromide

(Allapinine) **Cat. No.:** HY-N0118

Bioactivity: Lappaconitine hydrobromide, a diterpene alkaloid, is a drug for the treatment of cardiac arrhythmias.

Purity: 95.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 10 mg, 50 mg

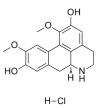


Laurolitsine hydrochloride

((+)-Norboldine hydrochloride) **Cat. No.:** HY-N2352A

Bioactivity: Laurolitsine hydrochloride is an alkaloid isolated from Phoebe formosana, and shows weak anti-inflammatory activity.

Purity: 99.81%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 1 mg, 5 mg, 10 mg

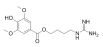


Leonurine

(SCM-198) **Cat. No.:** HY-N0741

Bioactivity: Leonurine is an alkaloid isolated from Herba leonuri, with anti-oxidative and anti-inflammatory.

Purity: 99.45%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg, 25 mg, 50 mg, 100 mg

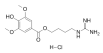


Leonurine hydrochloride

(SCM-198 hydrochloride) **Cat. No.:** HY-N0741A

Bioactivity: Leonurine hydrochloride is an alkaloid isolated from Herba leonuri, with anti-oxidative and anti-inflammatory.

Purity: 99.32%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg, 25 mg, 50 mg, 100 mg

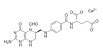


Levoleucovorin Calcium

(Calcium levofolinate; CL307782) **Cat. No.:** HY-13667

Bioactivity: Levoleucovorin calcium is the calcium salt of Levoleucovorin, which is the enantiomerically active form of folinic acid. IC50 value: Target: Levoleucovorin is used to treat or prevent toxic effects of methotrexate in people who have received methotrexate to treat bone cancer. Levoleucovorin is also used...

Purity: 95.24%
Clinical Data: Launched
Size: 10mM x 1mL in Water, 100 mg, 500 mg, 1 g, 2 g

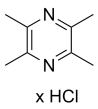


Ligustrazine hydrochloride (Chuanxiongzine hydrochloride; Tetramethylpyrazine hydrochloride)

Cat. No.: HY-N0935

Bioactivity: Ligustrazine (hydrochloride) is a natural product. IC50 value: Target: In vitro: Ligustrazine hydrochloride displayed a protection effect on injured ECV304 cells, NOS and NO formation were significantly increased compared with the model group [1]. In vivo:

Purity: 99.93%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg

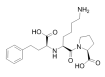


Lisinopril (MK-521)

Cat. No.: HY-18206

Bioactivity: Lisinopril (MK-521) is angiotensin-converting enzyme inhibitor, used in treatment of hypertension, congestive heart failure, and heart attacks.

Purity: >98%
Clinical Data: Launched
Size: 1 g, 5 g

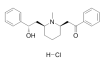


Lobeline hydrochloride (α-Lobeline hydrochloride; L-Lobeline hydrochloride)

Cat. No.: HY-B0979

Bioactivity: Lobeline hydrochloride, a nicotinic receptor agonist, acting as a potent antagonist at both α3β2 and α4β2 neuronal nicotinic receptor subtypes.

Purity: 99.97%
Clinical Data: No Development Reported
Size: 10mM x 1mL in Water, 100 mg, 500 mg

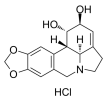


Lycorine hydrochloride

Cat. No.: HY-N0289

Bioactivity: Lycorine (hydrochloride) is VE-cadherin inhibitor,and has IC50 of 1.2μM in Hey1B cell. IC50: 1.2μM (Hey1B cell)[2] In vitro:Lycorine (hydrochloride) executed an anti-melanoma vasculogenic effect by inhibiting VE-cadherin gene expression in C8161 cells and caused a decrease in cell surface exposure...

Purity: >98%
Clinical Data: No Development Reported
Size: 10 mg, 25 mg, 50 mg, 100 mg

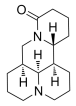


Matrine (Matridin-15-one; Vegard; α-Matrine)

Cat. No.: HY-N0164

Bioactivity: Matrine (Matridin-15-one) is an alkaloid found in plants from the Sophora genus. It has a variety of pharmacological effects, including anti-cancer effects, and action as a kappa opioid receptor and u-receptor agonist.

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 100 mg, 200 mg, 500 mg

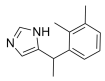


Medetomidine

Cat. No.: HY-17034

Bioactivity: Medetomidine(Domtor) is a potent, highly selective α2-adrenoceptor agonist (Ki values are 1.08 and 1750 nM for α2- and α1-adrenoceptors respectively).

Purity: 99.88%
Clinical Data: Launched
Size: 5 mg, 10 mg, 50 mg

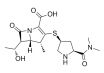


Meropenem (SM 7338)

Cat. No.: HY-13678

Bioactivity: Meropenem (SM 7338) is a carbapenem antibiotic, which displaying a broad spectrum of antibacterial activity.

Purity: >98%
Clinical Data: Launched
Size: 50 mg, 100 mg

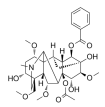


Mesaconitine

Cat. No.: HY-N0724

Bioactivity: Mesaconitine is the main active component of genus aconitum plants.

Purity: 98.97%
Clinical Data: No Development Reported
Size: 5 mg, 10 mg

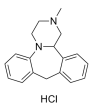


Mianserin hydrochloride (Org GB 94)

Cat. No.: HY-B0188A

Bioactivity: Mianserin hydrochloride is a H1 receptor inverse agonist and is a psychoactive agent of the tetracyclic antidepressant. Target: H1 receptor Mianserin is a psychoactive drug of the tetracyclic antidepressant (TeCA) therapeutic family. It is classified as a noradrenergic and specific serotonergic...

Purity: 99.79%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 100 mg, 200 mg, 500 mg

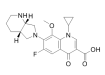


Moxifloxacin

Cat. No.: HY-66011A

Bioactivity: Moxifloxacin is a synthetic fluoroquinolone antibiotic agent.

Purity: >98%
Clinical Data: Launched
Size: 50 mg, 100 mg, 500 mg



N-Benzylpalmitamide

(N-Benzylhexadecanamide; Macamide 1) Cat. No.: HY-N2365

Bioactivity: N-Benzylpalmitamide is a macamide isolated from Lepidium meyenii, acts as an inhibitor of **fatty acid amide hydrolase (FAAH)**.

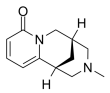
Purity: 98.0%
Clinical Data: No Development Reported
Size: 5 mg

N-Methylcytisine

(Caulophylline) Cat. No.: HY-N0443

Bioactivity: N-Methylcytisine (Caulophylline), a tricyclic quinolizidine alkaloid, exerts hypoglycaemic, analgesic and anti-inflammatory activities. N-methylcytisine is a selective ligand of nicotinic receptors of acetylcholine in the central nervous system and has a high affinity (K_d = 50 nM) to...

Purity: >98%
Clinical Data: No Development Reported
Size:

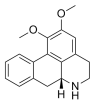


N-Nornuciferine

Cat. No.: HY-N2129

Bioactivity: N-Nornuciferine is an aporphine alkaloid in lotus leaf that significantly inhibits **CYP2D6** with IC_{50} and K_i of 3.76 and 2.34 μM, respectively.

Purity: 99.38%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg

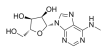


N6-Methyladenosine

(6-Methyladenosine; N-Methyladenosine) Cat. No.: HY-N0086

Bioactivity: N6-Methyladenosine is the most prevalent internal (non-cap) modification present in the messenger RNA (mRNA) of all higher eukaryotes.

Purity: 99.51%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 100 mg, 500 mg

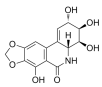


Narciclasine

(Lycoricidinol) Cat. No.: HY-16563

Bioactivity: Narciclasine is a plant growth modulator. Narciclasine modulates the Rho/Rho kinase/LIM kinase/cofilin signaling pathway, greatly increasing GTPase RhoA activity as well as inducing actin stress fiber formation in a RhoA-dependent manner.

Purity: 99.94%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 1 mg, 5 mg, 10 mg

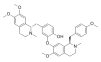


Neferine

((-)-Neferine) Cat. No.: HY-N0441

Bioactivity: Neferine is a major bisbenzylisoquinline alkaloid. Neferine strongly inhibits **NF-κB** activation.

Purity: 99.92%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg, 25 mg, 50 mg

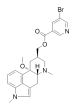


Nicergoline

Cat. No.: HY-B0702

Bioactivity: Nicergoline is an ergot derivative used to treat senile dementia and other disorders with vascular origins. Target: Alpha-1A adrenergic receptor Nicergoline acts by inhibiting the postsynaptic alpha(1)-adrenoceptors on vascular smooth muscle. This inhibits the vasoconstrictor effect of...

Purity: 99.06%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 10 mg, 50 mg

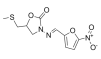


Nifuratel

(NF 113; SAP 113; Methylmercadone) Cat. No.: HY-A0059

Bioactivity: Nifuratel(NF 113, SAP 113) is a broad antibacterial spectrum agent, which is used as an antibacterial, antifungal, and antiprotozoal (Trichomonas).

Purity: 99.96%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 10 mg, 50 mg, 100 mg

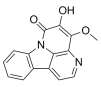


Nigakinone

Cat. No.: HY-N2128

Bioactivity: Nigakinone is one of the most abundant alkaloids responsible for the major pharmacological activities of Kumu.

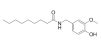
Purity: >98%
Clinical Data: No Development Reported
Size: 5 mg



Nonivamide (Pseudocapsaicin; Pelargonic acid vanillylamide; Nonanoic acid vanillylamide) Cat. No.: HY-17568

Bioactivity: Nonivamide is a <b<TRPV1 agonist, which exhibits 4d-EC_{50} value of 5.1 mg/L in static toxicity tests.

Purity: 98.15%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 100 mg, 500 mg, 5 g

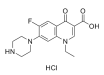


Norfloxacin hydrochloride

(MK-0366 (hydrochloride)) Cat. No.: HY-B0132A

Bioactivity: Norfloxacin (hydrochloride) (MK-0366 (hydrochloride)) is a broad-spectrum antibiotic that is active against both Gram-positive and Gram-negative bacteria, which functions by inhibiting DNA gyrase.

Purity: >98%
Clinical Data: Launched
Size: 5 g, 10 g

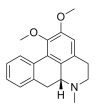


Nuciferine

Cat. No.: HY-N0049

Bioactivity: Nuciferine is an antagonist at **5-HT$_{2A}$** (**IC$_{50}$**=478 nM), **5-HT$_{2C}$** (**IC$_{50}$**=131 nM), and **5-HT$_{2B}$** (**IC$_{50}$**=1 μM), an inverse agonist at **5-HT$_{7}$** (**IC$_{50}$**=150 nM), a partial agonist at **D$_{2}$** (**EC$_{50}$**=64 nM), **D$_{5}$** (**EC$_{50}$**=2.6 μM) and **5-HT$_{6}$** (**EC$_{50}$**=...

Purity: 99.66%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg, 25 mg

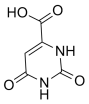


Orotic acid

(6-Carboxyuracil; Vitamin B13) Cat. No.: HY-N0157

Bioactivity: Orotic acid (OA) is an intermediate in pyrimidine metabolism. IC50 Value: Target: Nucleoside antimetabolite/analog in vitro: OA increases cell proliferation and decreases apoptosis in serum-starved SK-Hep1 hepatocellular carcinoma cells, which may ascribe to the inhibition of AMP-activated protein kinase...

Purity: 95.75%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 100 mg, 500 mg

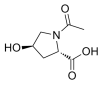


Oxaceprol

(N-Acetyl-L-hydroxyproline) Cat. No.: HY-17490

Bioactivity: Oxaceprol is an anti-inflammatory drug used in the treatment of osteoarthritis.

Purity: 95.0%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 1 g

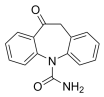


Oxcarbazepine

(GP 47680) Cat. No.: HY-B0114

Bioactivity: Oxcarbazepine (GP 47680) inhibits the binding of [3H]BTX to sodium channels with IC $_{50}$ of 160 μM and also inhibits the influx of 22Na+ into rat brain synaptosomes with IC $_{50}$ about 100 μM.

Purity: 99.82%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 10 mg, 50 mg

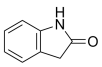


Oxindole

(Indolin-2-one) Cat. No.: HY-Y0061

Bioactivity: Oxindole (Indolin-2-one) is an aromatic heterocyclic building block. 2-indolinone derivatives have become lead compounds in the research of kinase inhibitors.

Purity: 98.25%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 100 mg

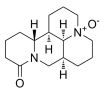


Oxymatrine

Cat. No.: HY-N0158

Bioactivity: Oxymatrine, an alkaloid from the roots of Sophora species, with anti-inflammatory, antifibrosis, and antitumor effects, inhibits the **iNOS** expression and **TGF-β/Smad** pathway.

Purity: 98.0%
Clinical Data: Phase 4
Size: 10mM x 1mL in DMSO, 100 mg, 200 mg, 500 mg, 1 g

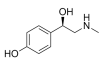


p-Synephrine

Cat. No.: HY-113236

Bioactivity: p-Synephrine is an organic compound, found in multiple biofluids, such as urine and blood.

Purity: 97.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in Water, 50 mg

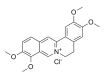


Palmatine chloride

Cat. No.: HY-N0110

Bioactivity: Palmatine chloride an isoquinoline alkaloid, is an important medicinal herbal extract with diverse pharmacological and biological properties.

Purity: 95.97%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 250 mg, 1 g

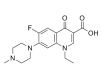


Pefloxacin

(Pefloxacinium) Cat. No.: HY-B0147

Bioactivity: Pefloxacin is a an antibacterial agent and prevents bacterial DNA replication by inhibiting DNA gyrase (topoisomerase) Target: DNA gyrase Pefloxacin is a synthetic chemotherapeutic agent used to treat severe and life-threatening bacterial infections. Pefloxacin is commonly referred to as...

Purity: >98%
Clinical Data: Launched
Size: 100 mg, 500 mg

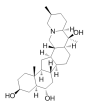


Peimine

(Verticine; Dihydroisoimperialine) Cat. No.: HY-N0212

Bioactivity: Peimine(Dihydroisoimperialine; Verticine) is a natural compound with good anti-inflammatory effects in vivo.

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg

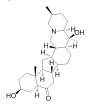


Peiminine

(Verticinone; Raddeanine) Cat. No.: HY-N0213

Bioactivity: Peiminine(Verticinone; Raddeanine) is a natural compound with anti-inflammatory activity. IC50 value: Target: Peiminine and DXS significantly reduced alveolar inflammation and pulmonary interstitial inflammation in rats with bleomycin-induced lung injury. peiminine inhibits lung inflammation and pulmonary...

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg

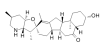


Peimisine

(Ebeiensine) Cat. No.: HY-N0214

Bioactivity: Peimisine(Ebeiensine) is a steroidal alkaloid which is the major biologically active component in Bulbus Fritillariae; possess a variety of toxicological and pharmacological effects on humans.

Purity: 98.47%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg

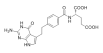


Pemetrexed

(LY231514) Cat. No.: HY-10820

Bioactivity: Pemetrexed is a novel **antifolate**, the K_i values of the pentaglutamate of LY231514 are 1.3, 7.2, and 65 nM for inhibits thymidylate synthase (**TS**), dihydrofolate reductase (**DHFR**), and glycinamide ribonucleotide formyltransferase (**GARFT**), respectively.

Purity: 99.30%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 50 mg, 100 mg

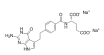


Pemetrexed disodium

(LY231514 disodium) Cat. No.: HY-10820A

Bioactivity: Pemetrexed disodium is a novel **antifolate** that inhibits the folatedependent enzymes **thymidylate synthase**, **dihydrofolate reductase**, and **glycinamide ribonucleotide formyltransferase** with K_is of 1.3, 7.2, and 65 nM, respectively.

Purity: 99.77%
Clinical Data: Launched
Size: 10mM x 1mL in Water, 50 mg, 100 mg, 200 mg

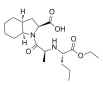


Perindopril

(S-9490) Cat. No.: HY-B0130

Bioactivity: Perindopril is a long-acting ACE inhibitor of which is used to treat high blood pressure, heart failure or stable coronary artery disease. Target: ACE Perindopril is a long-acting ACE inhibitor. It is used to treat high blood pressure, heart failure or stable coronary artery disease in form of...

Purity: >98%
Clinical Data: Launched
Size: 100 mg, 500 mg

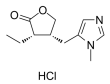


Pilocarpine Hydrochloride

Cat. No.: HY-B0726

Bioactivity: Pilocarpine Hydrochloride is a selective M3-type muscarinic acetylcholine receptor (**M3 muscarinic receptor**) agonist.

Purity: 99.92%
Clinical Data: Launched
Size: 100 mg, 500 mg

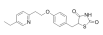


Pioglitazone

(U 72107) Cat. No.: HY-13956

Bioactivity: Pioglitazone is a potent and selective **PPARγ** agonist with high affinity binding to the PPARγ ligand-binding domain with EC_{50} of 0.93 and 0.99 μM for human and mouse PPARγ, respectively.

Purity: 99.18%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 10 mg, 50 mg

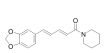


Piperine

(Bioperine; 1-Piperoylpiperidine) Cat. No.: HY-N0144

Bioactivity: Piperine, a natural alkaloid isolated from Piper nigrum L, inhibits **P-glycoprotein** and **CYP3A4** activities with an IC_{50} value of 61.94±0.054 μg/mL in HeLa cell.

Purity: 98.76%
Clinical Data: Phase 2
Size: 10mM x 1mL in DMSO, 200 mg, 1 g, 5 g

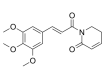


Piperlongumine

(Piplartine) Cat. No.: HY-N2329

Bioactivity: Piperlongumine is a natural alkaloid isolated from Piper longum Linn [1], possesses ant-inflammatory, antibacterial, antiangiogenic, antioxidant, antitumor, and antidiabetic activities [2]. Piperlongumine induces ROS, ...

Purity: 99.19%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 10 mg

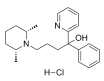


Pirmenol hydrochloride

(Cl-845; (±)-Pirmenol hydrochlorid) Cat. No.: HY-100795A

Bioactivity: Pirmenol hydrochloride inhibits $I_{K.ACh}$ by blocking **muscarinic receptors**. The IC_{50} of Pirmenol for inhibition of Carbachol-induced $I_{K.ACh}$ is 0.1 μM.

Purity: 97.20%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 1 mg, 5 mg, 10 mg, 50 mg, 100 mg

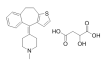


Pizotifen malate

(BC-105 (malate); Pizotyline (malate)) Cat. No.: HY-B0115A

Bioactivity: Pizotifen (malate) (BC-105 (malate)) is a potent **5-HT$_2$** receptor antagonist, with a high affinity for **5-HT$_{1C}$** binding site.

Purity: >98%
Clinical Data: Launched
Size: 100 mg, 200 mg, 500 mg

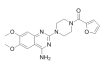


Prazosin

Cat. No.: HY-B0193

Bioactivity: Prazosin is an alpha-adrenergic blocker and is a sympatholytic drug used to treat high blood pressure and anxiety, PTSD, and panic disorder.

Purity: >98%
Clinical Data: Launched
Size: 10 mg

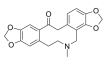


Protopine

(Corydinine) Cat. No.: HY-N0793

Bioactivity: Protopine, an isoquinoline alkaloid contained in plants in northeast Asia. IC50 Value: Target: In vitro: Protopine was found to reduce nitric oxide (NO), cyclooxygenase-2 (COX-2), and prostaglandin E(2) (PGE(2)) production by LPS-stimulated Raw 264.7 cells, without a cytotoxic effect. Pre-treatment of...

Purity: 98.04%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 10 mg, 50 mg

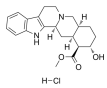


Rauwolscine hydrochloride

(α-Yohimbine hydrochloride; Corynanthidine hydrochloride; Isoyohimbine hydrochloride) Cat. No.: HY-12710A

Bioactivity: Rauwolscine hydrochloride is a potent and specific **α2 adrenergic** receptor antagonist with a **K_i** of 12 nM.

Purity: 99.16%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 50 mg, 100 mg

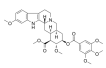


Reserpine

Cat. No.: HY-N0480

Bioactivity: Reserpine is an inhibitor of the **vesicular monoamine transporter 2** (**VMAT2**).

Purity: 99.83%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 100 mg

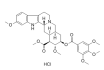


Reserpine hydrochloride

Cat. No.: HY-N0480A

Bioactivity: Reserpine hydrochloride is an inhibitor of the **vesicular monoamine transporter 2** (**VMAT2**).

Purity: 99.84%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 100 mg

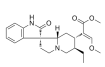


Rhynchophylline

Cat. No.: HY-N0387

Bioactivity: Rhyncholphylline, an alkaloid isolated from Uncaria, shows potent inhibition of lipopolysaccharide (LPS)-induced NO production in rat primary microglial cells.

Purity: 99.45%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg

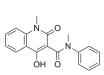


Roquinimex

(Linomide; FCF89; ABR212616) Cat. No.: HY-13743

Bioactivity: Roquinimex (Linomide; PNU212616; ABR212616) is a quinoline derivative immunostimulant which increases NK cell activity and macrophage cytotoxicity; inhibits angiogenesis and reduces the secretion of TNF alpha. IC50 value: Target: TNF alpha Prophylactic administration of DSS-treated mice with...

Purity: 98.88%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 10 mg, 50 mg

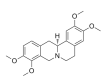


Rotundine

((-)-Tetrahydropalmatine; L-Tetrahydropalmatine) Cat. No.: HY-N0096

Bioactivity: Rotundine is an antagonist of **dopamine D1**, **D2** and **D3 receptors** with **IC_{50}**s of 166 nM, 1.4 μM and 3.3 μM, respectively. Rotundine is also an antagonist of **5-HT$_{1A}$** with an **IC_{50}** of 370 nM.

Purity: 99.88%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 50 mg

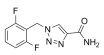


Rufinamide

(CGP 33101; E 2080; RUF 331) Cat. No.: HY-A0042

Bioactivity: Rufinamide(E 2080; CGP 33101; RUF 331) is a new antiepileptic agent that differs structurally from other antiepileptic drugs and is approved as adjunctive therapy for Lennox-Gastaut syndrome (LGS).

Purity: 99.89%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 10 mg, 100 mg

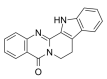


Rutaecarpine

(Rutecarpine) Cat. No.: HY-N0147

Bioactivity: Rutaecarpine, an alkaloid of Evodia rutaecarpa, is an inhibitor of **COX-2** with an **IC_{50}** value of 0.28 μM.

Purity: 99.11%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 10 mg, 50 mg, 100 mg

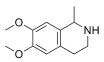


Salsolidine

(6,7-Dimethoxy-1-methyl-1,2,3,4-tetrahydroisoquinoline) Cat. No.: HY-22385

Bioactivity: Salsolidine is a tetrahydroisoquinoline alkaloid, acts as a stereoselective competitive **MAO A** inhibitor.

Purity: 95.77%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 25 mg, 50 mg, 100 mg

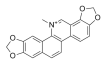


Sanguinarine

(Pseudochelerythrine; Sanguinarin) Cat. No.: HY-N0052

Bioactivity: Sanguinarine, a benzophenanthridine alkaloid derived from the root of Sanguinaria Canadensis, can stimulate **apoptosis** via activating the production of reactive oxygen species (ROS). Sanguinarine-induced apoptosis is associated with the activation of JNK and NF-κB.

Purity: >98%
Clinical Data: No Development Reported
Size: 5 mg, 10 mg

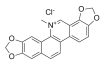


Sanguinarine chloride

(Pseudochelerythrine chloride; Sanguinarium chloride) Cat. No.: HY-N0052A

Bioactivity: Sanguinarine chloride, a benzophenanthridine alkaloid derived from the root of Sanguinaria Canadensis, can stimulate **apoptosis** via activating the production of reactive oxygen species (ROS). Sanguinarine-induced apoptosis is associated with the activation of JNK and NF-κB.

Purity: 99.80%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg

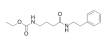


Santacruzamate A

(CAY-10683) Cat. No.: HY-N0931

Bioactivity: Santacruzamate A (CAY-10683) is a potent and selective **HDAC2** inhibitor with an **IC_{50}** of 119 pM [1].

Purity: 99.72%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg

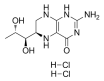


Sapropterin dihydrochloride (6R-BH4 dihydrochloride; 6R-Tetrahydro-L-biopterin dihydrochloride)

Cat. No.: HY-A0124A

Bioactivity: Sapropterin dihydrochloride is a synthetic form of BH4 that is approved for the treatment of BH4 responsive PKU.

Purity: 99.97%
Clinical Data: Launched
Size: 10mM x 1mL in Water, 10 mg, 50 mg, 100 mg

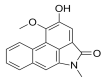


Sauristolactam

(Saurolactam) Cat. No.: HY-118482

Bioactivity: Sauristolactam, a natural aristolactam isolated from aerial portions of Saururus chinensis, has significant neuroprotective activity against glutamate-induced toxicity in primary cultured rat cortical cells [1]. Sauristolactam also inhibits the receptor activator of nuclear factor-κB ligand...

Purity: >98%
Clinical Data: No Development Reported
Size: 250 mg, 500 mg

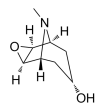


Scopine

(6,7-Epoxytropine) Cat. No.: HY-B0459

Bioactivity: Scopine is the metabolite of anisodine, which is a α1-adrenergic receptor agonist and used in the treatment of acute circulatory shock.

Purity: >98%
Clinical Data: No Development Reported
Size: 10 mg, 50 mg, 100 mg

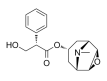


Scopolamine

(Hyoscine; Scopine (-)-tropate; Scopine tropate) Cat. No.: HY-N0296

Bioactivity: Scopolamine is a high affinity (nM) **muscarinic** antagonist. **5-HT_3** receptor-responses are reversibly inhibited by Scopolamine with an **IC_{50}** of 2.09 μM.

Purity: >98%
Clinical Data: Launched
Size: 100 mg

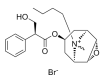


Scopolamine butylbromide (Hyoscine butylbromide; (-)-Scopolamine butylbromide; Butylscopolamine bromide)

Cat. No.: HY-N0340

Bioactivity: Scopolamine butylbromide is a competitive antagonist of muscarinic acetylcholine receptor (mAChR) with an IC50 of 55.3 ± 4.3 nM. Target: mAChR Scopolamine (USAN), also known as levo-duboisine and hyoscine, sold as Scopoderm, is a tropane alkaloid drug with muscarinic antagonist effects. It is among...

Purity: 98.0%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 100 mg, 500 mg

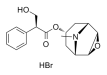


Scopolamine hydrobromide ((-)-Scopolamine hydrobromide; Hyoscine hydrobromide; Scopine hydrobromide)

Cat. No.: HY-N0296A

Bioactivity: Scopolamine hydrobromide is a high affinity (nM) **muscarinic** antagonist. **5-HT$_3$** receptor-responses are reversibly inhibited by Scopolamine with an **IC$_{50}$** of 2.09 μM.

Purity: 98.0%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 100 mg, 500 mg

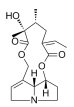


Senecionine (Senecionan-11,16-dione, 12-hydroxy-; Aureine; Senecionin)

Cat. No.: HY-N2560

Bioactivity: Senecionine is a pyrrolizidine alkaloid isolated from Senecio vulgaris. Senecionine is toxic to animals and humans.

Purity: >98%
Clinical Data: No Development Reported
Size: 1 mg, 5 mg

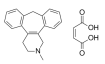


Setiptiline maleate (MO-8282)

Cat. No.: HY-32329A

Bioactivity: Setiptiline is a serotonin receptor antagonist.

Purity: 99.89%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg, 50 mg, 100 mg, 200 mg

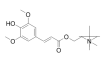


Sinapine

Cat. No.: HY-N5077

Bioactivity: Sinapine is an alkaloid from seeds of the cruciferous species which shows favorable biological activities such as antioxidant and radio-protective activities.

Purity: 99.72%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg

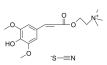


Sinapine thiocyanate

Cat. No.: HY-N0450

Bioactivity: Sinapine is an alkaloid from seeds of the cruciferous species which shows favorable biological activities such as antioxidant and radio-protective activities.

Purity: 98.32%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 10 mg, 25 mg, 50 mg, 100 mg, 200 mg

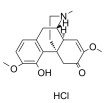


Sinomenine hydrochloride (Cucoline hydrochloride)

Cat. No.: HY-15122A

Bioactivity: Sinomenine hydrochloride is a blocker of the **NF-κB** activation and also an activator of **μ-opioid receptor**.

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 100 mg

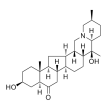


Sipeimine (Imperialine)

Cat. No.: HY-N0696

Bioactivity: Sipeimine is a natural product isolated from Fritillaria ussuriensis.

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg

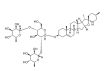


Solamargine (Solamargin; δ-Solanigrine)

Cat. No.: HY-N0069

Bioactivity: Solamargine is a major steroidal alkaloid glycoside extracted from a traditional Chinese medicinal herb, Solanum nigrum L. (SNL); has been shown to inhibit growth and induce apoptosis of various cancer cells.

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg, 50 mg

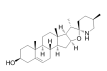


Solasodine (Purapuridine; Solancarpidine; Solasodin)

Cat. No.: HY-N0068

Bioactivity: Solasodine(Purapuridine) is a poisonous alkaloid chemical compound that occurs in plants of the Solanaceae family. Solasodine showed selective cytotoxicity against cervical cancer cell line (HeLa) and human myeloid leukemia cell line (U937). IC50 Value: 12.17 ± 3.3 uM (Hela cell line)[1] Target:...

Purity: 98.0%
Clinical Data: No Development Reported
Size: 100 mg

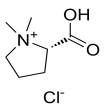


Stachydrine hydrochloride

Cat. No.: HY-N0738

Bioactivity: Stachydrine hydrochloride is the major active constituent of Herba Leonuri, which is a potential therapy for cardiovascular diseases [2]. Stachydrine can inhibit the **NF-κB** signal pathway. Anti-hypertrophic activities [1].

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in Water, 100 mg

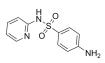


Sulfapyridine

Cat. No.: HY-B0212

Bioactivity: Sulfapyridine(Dagenan) is a sulfonamide antibacterial.

Purity: 99.96%
Clinical Data: Launched
Size: 1 g, 5 g

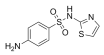


Sulfathiazole

Cat. No.: HY-B0507

Bioactivity: Sulfathiazole is an organosulfur compound that has been used as a short-acting sulfa drug.

Purity: >98%
Clinical Data: Launched
Size: 1 g



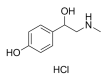
Synephrine hydrochloride

(Oxedrine hydrochloride)

Cat. No.: HY-N0132A

Bioactivity: Synephrine Hcl(Oxedrine) is an alkaloid; synephrine produces most of its biological effects by acting as an agonist at adrenergic receptors.

Purity: 99.83%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 100 mg, 500 mg



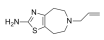
Talipexole

(B-HT 920)

Cat. No.: HY-A0040

Bioactivity: Talipexole (B-HT920) is a dopamine agonist that has been proposed as an antiparkinsonian agent. Target: Dopamine Receptor B-HT920 is a selective alpha 2-adrenoceptor agonist. The effects of B-HT920 have been specified using the alpha-adrenergic antagonists yohimbine and prazosin and the...

Purity: >98%
Clinical Data: Launched
Size: 5 mg, 10 mg, 50 mg, 100 mg



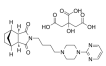
Tandospirone citrate

(SM-3997 citrate)

Cat. No.: HY-B0061

Bioactivity: Tandospirone citrate is a potent and selective 5-HT1A receptor partial agonist (Ki = 27 nM) that displays selectivity over SR-2, SR-1C, α1, α2, D1 and D2 receptors (Ki values ranging from 1300-41000 nM). IC50 Value: 27±5 nM(Ki) [1] Target: 5-HT1A in vitro: Tandospirone is most potent at the 5-HT1A...

Purity: 98.87%
Clinical Data: Launched
Size: 10mM x 1mL in Water, 5 mg, 10 mg, 25 mg

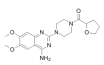


Terazosin

Cat. No.: HY-B0371

Bioactivity: Terazosin is a selective alpha1-antagonist used for treatment of symptoms of benign prostatic hyperplasia (BPH).

Purity: >98%
Clinical Data: Launched
Size: 100 mg, 500 mg



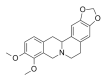
Tetrahydroberberine

(Canadine)

Cat. No.: HY-N0925

Bioactivity: Tetrahydroberberine is an isoquinoline alkaloid isolated from corydalis tuber; has micromolar affinity for dopamine D(2) (pK(i) = 6.08) and 5-HT(1A) (pK(i) = 5.38) receptors but moderate to no affinity for other relevant serotonin receptors (5-HT(1B), 5-HT(1D), 5-HT(3), and 5-HT(4); pK(i) < 5.00).

Purity: 99.70%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg



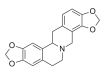
Tetrahydrocoptisine

((RS)-Stylopine; (±)-Stylopin)

Cat. No.: HY-N0924

Bioactivity: Tetrahydrocoptisine is an alkaloid compound originally isolated from Corydalis tubers that exhibits anti-inflammatory and anti-parasitic activities.

Purity: >98%
Clinical Data: No Development Reported
Size: 5 mg, 10 mg



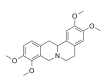
Tetrahydropalmatine

(DL-Tetrahydropalmatine)

Cat. No.: HY-N0300

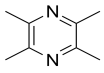
Bioactivity: Tetrahydropalmatine, an active component isolated from corydalis, acts through inhibition of amygdaloid release of **dopamine** to inhibit an epileptic attack in rats.

Purity: 99.07%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 10 mg, 50 mg



Tetramethylpyrazine
(Ligustrazine) Cat. No.: HY-N0264

Bioactivity: Tetramethylpyrazine (Ligustrazine), an alkylpyrazine isolated from Ligusticum wallichii (Chuan Xiong) [1], is present in french fries, bread, cooked meats, tea, cocoa, coffee, beer, spirits, peanuts, filberts, dairy products and soy products as fragrance and flavouring ingredienexhibits....
Purity: 99.93%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 100 mg

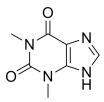


Theobromine
(3,7-Dimethylxanthine) Cat. No.: HY-N0138

Bioactivity: Theobromine is a methylxanthine found in cacao beans which can inhibit **adenosine receptor A1** (**AR1**) signaling.
Purity: 99.65%
Clinical Data: Phase 3
Size: 10mM x 1mL in DMSO, 100 mg

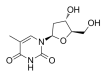
Theophylline
(1,3-Dimethylxanthine; Theo-24) Cat. No.: HY-B0809

Bioactivity: Theophylline is a nonselective **phosphodiesterase (PDE)** inhibitor, **adenosine receptor** blocker, and **histone deacetylase (HDAC)** activator.
Purity: 99.94%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 5 g



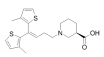
Thymidine (DThyd; Deoxyribothymidine; Deoxythymidine; NSC 21548; Thymidin)
Cat. No.: HY-N1150

Bioactivity: Thymidine is a a pyrimidine deoxynucleoside.
Purity: 99.90%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 1 g



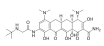
Tiagabine
(NO050328; NO328; TGB) Cat. No.: HY-B0696

Bioactivity: Tiagabine (NO050328) is a potent and selective **GABA reuptake** inhibitor, used as an anticonvulsant agent, with **IC_{50}**s of 67, 446 and 182 nM for [^{3}H]GABA uptake in Synaptosomes, Neurons and Glia, respectively [1].
Purity: >98%
Clinical Data: Launched
Size: 10 mg, 50 mg, 100 mg



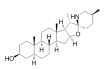
Tigecycline
(GAR-936) Cat. No.: HY-B0117

Bioactivity: Tigecycline (GAR-936) is a broad-spectrum glycylcycline antibiotic. The mean inhibitory concentration (MIC) of Tigecycline for E. coli (MG1655 strain) is approximately 125 ng/mL [1]. MIC $_{50}$ and MIC $_{90}$ are 1 and 2 mg/L for Acinetobacter baumannii (A. baumannii), respectively...
Purity: 99.88%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 10 mg, 50 mg, 100 mg, 200 mg, 500 mg



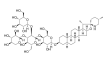
Tomatidine
Cat. No.: HY-N2149

Bioactivity: Tomatidine acts as an anti-inflammatory agent by blocking **NF-κB** and **JNK** signaling.
Purity: 98.0%
Clinical Data: No Development Reported
Size: 25 mg, 50 mg, 100 mg



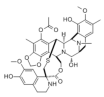
Tomatine
(α-Tomatine; Lycopersicin; Tomatin) Cat. No.: HY-N2166

Bioactivity: Tomatine is a glycoalkaloid, found in the tomato plant (Lycopersicon esculentum Mill.). Tomatine elicits neurotoxicity in RIP1 kinase and caspase-independent manner. Tomatine promotes the upregulation of nuclear apoptosis inducing factor (AIF) in neuroblastoma cells. Tomatine also...
Purity: >98%
Clinical Data: No Development Reported
Size:



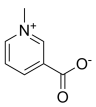
Trabectedin
(Ecteinascidin 743; ET-743) Cat. No.: HY-50936

Bioactivity: Trabectedin (Ecteinascidin-743 or ET-743) is a novel antitumour agent of marine origin with potent antitumour activity both in vitro and in vivo. IC50 Value: 0.1-3.7 nM (breast cancer cell lines) [1] Target: Apoptosis inducer; Anticancer in vitro: Trabectedin induced cytotoxicity and...
Purity: 99.83%
Clinical Data: Launched
Size: 1 mg



Trigonelline
(Trigenolline) Cat. No.: HY-N0414

Bioactivity: Trigonelline, an alkaloid with potential antidiabetic activity, is present in considerable amounts in coffee.
Purity: >98%
Clinical Data: No Development Reported
Size: 5 mg

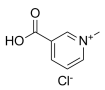


Trigonelline chloride

(Trigonelline hydrochloride) Cat. No.: HY-N0415

Bioactivity: Trigonelline chloride, an alkaloid with potential antidiabetic activity, is present in considerable amounts in coffee.

Purity: 99.96%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 100 mg, 500 mg

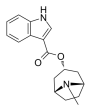


Tropisetron

(SDZ-ICS-930 (free base)) Cat. No.: HY-B0072

Bioactivity: Tropisetron (SDZ-ICS-930 free base) is a selective 5-HT3 receptor antagonist and α7-nicotinic receptor agonist with an IC50 of 70.1 ± 0.9 nM for 5-HT3 receptor. IC50 value: 70.1 ± 0.9 nM [1] Target: 5-HT3 receptor in vitro: Tropisetron specifically inhibited both IL-2 gene transcription and IL-2...

Purity: 98.0%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 10 mg, 50 mg, 100 mg



Tryptamine

Cat. No.: HY-B2132

Bioactivity: Tryptamine is a monoamine alkaloid, similar to other trace amines, is believed to play a role as a neuromodulator or neurotransmitter.

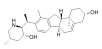
Purity: 99.77%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 50 mg

Veratramine

(NSC17821; NSC23880) Cat. No.: HY-N0837

Bioactivity: Veratramine(NSC17821; NSC23880) is useful as a signal transduction inhibitor for treating tumors.

Purity: 99.52%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg, 50 mg, 100 mg

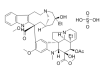


Vinblastine sulfate

(Vincaleukoblastine sulfate salt) Cat. No.: HY-13780

Bioactivity: Vinblastine sulfate is a cytotoxic alkaloid used against various cancer types. Vinblastine sulfate inhibits the formation of microtubule and suppresses nAChR with an IC_{50} of 8.9 μM.

Purity: 99.87%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg, 50 mg, 100 mg

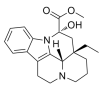


Vincamine

Cat. No.: HY-B1021

Bioactivity: Vincamine is a peripheral vasodilator, that increases blood flow to the brain.

Purity: 99.93%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 100 mg, 500 mg

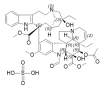


Vincristine sulfate

(Leurocristine sulfate; 22-Oxovincaleukoblastine sulfate) Cat. No.: HY-N0488

Bioactivity: Vincristine sulfate is an antitumor vinca alkaloid which inhibits **microtubule** formation in mitotic spindle, resulting in an arrest of dividing cells at the metaphase stage. It binds to **microtubule** with a K_i of 85 nM.

Purity: 99.66%
Clinical Data: Launched
Size: 10 mg, 50 mg, 100 mg, 200 mg

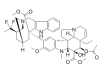


Vinflunine

Cat. No.: HY-B0628

Bioactivity: Vinflunine is a new vinca alkaloid uniquely fluorinated with the properties of mitotic-arresting and tubulin-interacting activity.

Purity: >98%
Clinical Data: Launched
Size: 5 mg, 10 mg, 50 mg, 100 mg

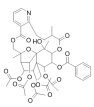


Wilforine

Cat. No.: HY-N0899

Bioactivity: Wilforine is a sesquiterpene pyridine alkaloid; important bioactive compound in T. wilfordii plants, and is effective in treating idiopathic pulmonary fibrosis.

Purity: 98.30%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg

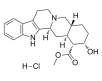


Yohimbine Hydrochloride

Cat. No.: HY-N0127

Bioactivity: Yohimbine hydrochloride is an alpha 2-adrenoreceptor antagonist, blocking the pre- and postsynaptic alpha-2 adrenoreceptors and causing an increased release of noradrenaline and dopamine. IC50 value: Target: In vitro: In vivo: Yohimbine hydrochloride (0.2 mg/kg, i.p.) was...

Purity: 99.85%
Clinical Data: Phase 4
Size: 10mM x 1mL in DMSO, 1 g

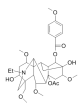


Yunaconitine

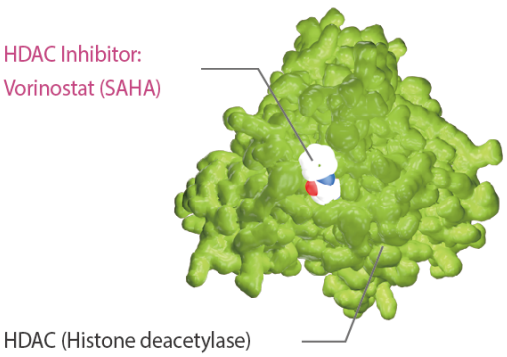
(Guayewuanine B) **Cat. No.:** HY-N0333

Bioactivity: Yunaconitine(Guayewuanine B) is a highly toxic aconitum alkaloid.

Purity: >98%
Clinical Data: No Development Reported
Size: 5 mg, 10 mg



Phenols



Phenolic compounds are a class of chemical compounds consisting of a hydroxyl group (-OH) bonded directly to an aromatic hydrocarbon group, produced by plants and microorganisms, with variation between and within species. As they are present in food consumed in human diets and in plants used in traditional medicine of several cultures, their role in human health and disease is a subject of research. Some phenols are germicidal and are used in formulating disinfectants. Others possess antioxidative, estrogenic or endocrine disrupting activity.

(-)-(S)-Equol

Cat. No.: HY-100583

Bioactivity: (-)-(S)-Equol is a high affinity ligand for **estrogen receptor β** with a K_i of 0.73 nM.

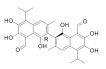
Purity: 99.82%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg, 25 mg, 50 mg

(R)-(-)-Gossypol

(AT-101; R-(-)-gossypol acetic acid) Cat. No.: HY-15464

Bioactivity: (R)-(-)-Gossypol (AT-101) is the levorotatory isomer of a natural product Gossypol. AT-101 is determined to bind to **Bcl-2**, **Mcl-1** and **Bcl-xL** proteins with K_is of 260±30 nM, 170±10 nM, and 480±40 nM, respectively.

Purity: >98%
Clinical Data: Phase 2
Size: 10 mg, 50 mg

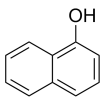


1-Naphthol (Fourrine ERN; Furro ER; NSC 9586; Nako TRB; Naphthol-1; Naphthyl-1-ol; Tertral ERN; Ursol ERN; ...)

Cat. No.: HY-Y1309

Bioactivity: 1-naphthol is an excited state proton transfer (ESPT) fluorescent molecular probe.

Purity: >98%
Clinical Data: No Development Reported
Size: 5 g

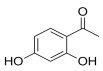


2',4'-Dihydroxyacetophenone

(1-(2,4-Dihydroxyphenyl)ethanone; Resacetophenone) Cat. No.: HY-Y0694

Bioactivity: 2',4'-Dihydroxyacetophenone (Resacetophenone) is acetophenone carrying hydroxy substituents at positions 2' and 4'. A plant metabolite.

Purity: 99.89%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 100 mg

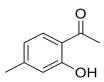


2'-Hydroxy-4'-methylacetophenone

Cat. No.: HY-34204

Bioactivity: 2'-Hydroxy-4'-methylacetophenone, a phenolic compound isolated from Angelicae koreana roots possesses acaricidal property [1]. It could be used in the preparation of 4'-methyl-2'-[(p-tolylsulfonyl) oxy] acetophenone [2].

Purity: 96.85%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 100 mg

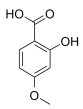


2-Hydroxy-4-methoxybenzoic acid

Cat. No.: HY-75625

Bioactivity: 2-Hydroxy-4-methoxybenzoic is a derivative of methoxybenzoic. 2-Hydroxy-4-methoxybenzoic is a potential biomarker.

Purity: 99.55%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 1 g

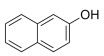


2-Naphthol

Cat. No.: HY-Y0110

Bioactivity: 2-Naphthol is a metabolite of naphthalene, catalyzed by cytochrome P450 (CYP) isozymes (CYP 1A1, CYP 1A2, CYP 2A1, CYP 2E1 and CYP 2F2).

Purity: 99.96%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 g

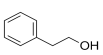


2-Phenylethanol

(Phenethyl alcohol; Phenylethyl alcohol; Benzyl carbinol) Cat. No.: HY-B1290

Bioactivity: 2-Phenylethanol (Phenethyl alcohol), extracted from rose, carnation, hyacinth, Aleppo pine, orange blossom and other organisms, is a colourless liquid that is slightly soluble in water. It has a pleasant floral odor and also an autoantibiotic produced by the fungus Candida albicans [1]. It...

Purity: 99.76%
Clinical Data: No Development Reported
Size: 10mM x 1mL in Water, 1 g

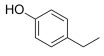


4-Ethylphenol

Cat. No.: HY-W012836

Bioactivity: 4-Ethylphenol is a volatile phenolic compound associated with off-odour in wine.

Purity: 99.97%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 g

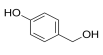


4-Hydroxybenzyl alcohol

Cat. No.: HY-Y0892

Bioactivity: 4-Hydroxybenzyl alcohol is a phenolic compound widely distributed in various kinds of plants. Anti-inflammatory, anti-oxidant, anti-nociceptive activity. Neuroprotective effect. Inhibitor of tumor angiogenesis and growth [1] [2]

Purity: 99.60%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 100 mg

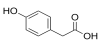


4-Hydroxyphenylacetic acid

Cat. No.: HY-N1902

Bioactivity: 4-hydroxyphenylacetic acid, a major microbiota-derived metabolite of polyphenols, is involved in the antioxidative action. 4-hydroxyphenylacetic acid induces expression of **Nrf2** [1].

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 100 mg



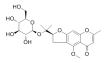
5-O-Methylvisammioside

(4'-O-β-D-Glucosyl-5-O-methylvisamminol)

Cat. No.: HY-N0442

Bioactivity: 5-O-Methylvisammioside is a natural product isolated from Saposhnikovia Divaricata.

Purity: 99.89%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg

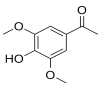


Acetosyringone

Cat. No.: HY-W009884

Bioactivity: Acetosyringone is a phenolic compound from wounded plant cells, enables virA gene which encodes a membrane-bound kinase to phosphorylate itself and activate the virG gene product, which stimulates the transcription of other vir genes and itself [1]. Acetosyringone enhances efficient Dunaliella...

Purity: 99.56%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 100 mg



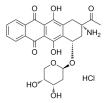
Amrubicin hydrochloride

(SM-5887 (hydrochloride); AMR (hydrochloride))

Cat. No.: HY-B0067A

Bioactivity: Amrubicin (hydrochloride) (SM-5887 (hydrochloride)) is a DNA **topoisomerase II** inhibitor, used for the research of cancer.

Purity: >98%
Clinical Data: Launched
Size: 1 mg, 5 mg



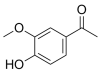
Apocynin

(Acetovanillone)

Cat. No.: HY-N0088

Bioactivity: Apocynin is a selective **NADPH-oxidase** inhibitor with an IC_{50} of 10 μM.

Purity: 99.97%
Clinical Data: Phase 1
Size: 10mM x 1mL in DMSO, 1 g, 5 g



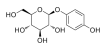
Arbutin

(p-Arbutin; β-Arbutin)

Cat. No.: HY-N0192

Bioactivity: Arbutin(β-Arbutin) is a glycoside; a glycosylated hydroquinone extracted from the bearberry plant in the genus Arctostaphylos; inhibits tyrosinase and thus prevents the formation of melanin. IC50 value: Target: tyrosinase

Purity: 98.0%
Clinical Data: Phase 3
Size: 10mM x 1mL in DMSO, 5 g, 10 g



Bisdemethoxycurcumin

(Curcumin III; Didemethoxycurcumin)

Cat. No.: HY-N0007

Bioactivity: Bisdemethoxycurcumin(Curcumin III; Didemethoxycurcumin) is a natural derivative of curcumin with anti-inflammatory and anti-cancer activities. IC50 value: Target: Anticancer natural compound in vitro: BDMC-induced apoptosis was mediated by a combinatory inhibition of cytoprotective proteins, such as...

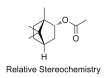
Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 10 mg, 50 mg, 100 mg

Bornyl acetate

Cat. No.: HY-N0756

Bioactivity: Bornyl acetate is a potent odorant, exhibiting one of the highest flavor dilution factor (FD factor).

Purity: 97.65%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 100 mg, 500 mg, 1 g



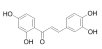
Butein

(2',3,4,4'-tetrahydroxy Chalcone)

Cat. No.: HY-16558

Bioactivity: Butein, a plant polyphenol isolated from Rhus verniciflua, inhibit the activation of protein tyrosine kinase and EGFR. target: EGFR [1] In vitro: 1) Butein inhibited the activation of AKT, extracellular signal-regulated kinase (ERKs) and p38 kinases in the presence of cisplatin.[2] 2) FoxO3a and its...

Purity: 99.95%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 2 mg, 5 mg, 10 mg, 50 mg, 100 mg

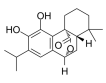


Carnosol

Cat. No.: HY-N0643

Bioactivity: Carnosol is a potent Ribosomal S6 Kinase **(RSK2)** inhibitor that could be useful for treating gastric cancer, with an IC_{50} of ~5.5 μM.

Purity: 99.90%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg, 25 mg

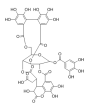


Chebulagic acid

Cat. No.: HY-N1996

Bioactivity: Chebulagic acid is a COX-LOX dual inhibitor isolated from the fruits of Terminalia chebula Retz, on angiogenesis.

Purity: 98.19%
Clinical Data: No Development Reported
Size: 2 mg, 5 mg, 10 mg, 25 mg

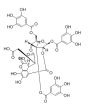


Chebulinic acid

Cat. No.: HY-N2033

Bioactivity: Chebulinic acid is a potent natural inhibitor of M. tuberculosis DNA gyrase, also can inhibit SMAD-3 phosphorylation, inhibit H+ K+-ATPase activity.

Purity: >98%
Clinical Data: No Development Reported
Size: 5 mg, 10 mg

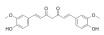


Curcumin

(Turmeric yellow; Natural Yellow 3; Diferuloylmethane) Cat. No.: HY-N0005

Bioactivity: Curcumin (Turmeric yellow) is a natural phenolic compound with diverse pharmacologic effects including anti-inflammatory, antioxidant, antiproliferative and antiangiogenic activities. Curcumin is an inhibitor of p300 histone acetylatransferase (**HATs**) and also shows inhibitory effects on **NF-κB** and...

Purity: 99.66%
Clinical Data: Phase 4
Size: 10mM x 1mL in DMSO, 100 mg, 500 mg

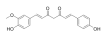


Demethoxycurcumin

(Curcumin II; Desmethoxycurcumin; Monodemethoxycurcumin) Cat. No.: HY-N0006

Bioactivity: Demethoxycurcumin(Curcumin II) is a major active curcuminoid; possess anti-inflammatory properties; also exert cytotoxic effects in human cancer cells via induction of apoptosis. IC50 value: Target: in vitro: DMC significantly decreased NO secretion by 35-41% in our inflamed cell model. Decrease in NO...

Purity: 99.09%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg, 50 mg

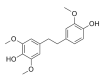


Dendrophenol

Cat. No.: HY-N6031

Bioactivity: Dendrophenol, isolated from the stem of Dendrobium loddigesii Rolfe, act as a **NF-κB** inhibitor [1]. Antineoplastic activity [1].

Purity: >98%
Clinical Data: No Development Reported
Size: 5 mg

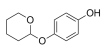


Deoxyarbutin

Cat. No.: HY-B1461

Bioactivity: Deoxyarbutin is a new effective lighten ingredient, can effectively inhibit tyrosinase activity and melanin synthesis to get significant and lasting lightening effect.

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 100 mg, 500 mg

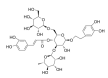


Echinacoside

Cat. No.: HY-N0020

Bioactivity: Echinacoside is a natural polyphenolic compound, has various kinds of pharmacological activities, such as antioxidative, anti-inflammatory, neuroprotective, hepatoprotective, nitric oxide radical-scavenging and vasodilative ones. IC50 value: Target: in vitro: Echinacoside(ECH) dose dependently inhibited...

Purity: 99.52%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg, 50 mg

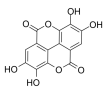


Ellagic acid

Cat. No.: HY-B0183

Bioactivity: Ellagic acid is a natural antioxidant, and acts as a potent and ATP-competitive **CK2** inhibitor, with an IC_{50} of 40 nM and a K_i of 20 nM.

Purity: 99.92%
Clinical Data: Phase 2
Size: 1 g, 5 g

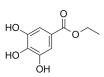


Ethyl gallate

Cat. No.: HY-N0525

Bioactivity: Ethyl gallate is a nonflavonoid phenolic compound and also a scavenger of hydrogen peroxide.

Purity: 99.53%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 100 mg, 1 g

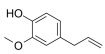


Eugenol

Cat. No.: HY-N0337

Bioactivity: Eugenol is an essential oil found in cloves with antibacterial, anthelmintic and antioxidant activity. Eugenol is shown to inhibit lipid peroxidation.

Purity: 99.86%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 100 mg, 500 mg

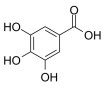


Gallic acid

(3,4,5-Trihydroxybenzoic acid) Cat. No.: HY-N0523

Bioactivity: Gallic acid is an antioxidant which can inhibit both **COX-2**.

Purity: 99.97%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 100 mg, 500 mg

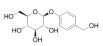


Gastrodin

(Gastrodine) Cat. No.: HY-N0115

Bioactivity: Gastrodin, a main constituent of a Chinese herbal medicine Tianma, has been known to display anti-inflammatory effects. Gastrodin, has long been used for treating dizziness, epilepsy, stroke and dementia.

Purity: 99.40%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 25 mg, 50 mg, 100 mg

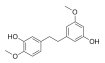


Gigantol

Cat. No.: HY-N2523

Bioactivity: Gigantol is a bibenzyl compound derived from several medicinal orchids. Giganto shows promising therapeutic potential against cancer cells. Gigantol is a novel inhibitor of the **Wnt/β-catenin** pathway.

Purity: 99.66%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg, 25 mg, 50 mg, 100 mg



Ginkgolic Acid (Ginkgolic acid (15:1); Ginkgolic acid I; Romanicardic acid)

Cat. No.: HY-N0077

Bioactivity: Ginkgolic Acid is a natural compound that inhibits **SUMOylation** with an IC_{50} of 3.0 μM in in vitro assay.

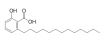
Purity: 99.59%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg

Ginkgolic Acid C13:0 (Ginkgolic acid (13:0); Ginkgoneolic Acid; 6-Tridecylsalicylic acid)

Cat. No.: HY-N0078

Bioactivity: Ginkgolic Acid (C13:0) is a natural anticariogenic agent in that it exhibits antimicrobial activity against S. mutans and suppresses the specific virulence factors associated with its cariogenicity.

Purity: >98%
Clinical Data: No Development Reported
Size: 10 mg

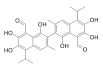


Gossypol

(BL 193) Cat. No.: HY-13407

Bioactivity: Gossypol, a natural product isolated from cottonseeds and roots, binds to **Bcl-xL** protein and **Bcl-2** protein with K_is of 0.5-0.6 μM and 0.2-0.3 mM, respectively.

Purity: >98%
Clinical Data: Phase 3
Size: 100 mg, 200 mg, 500 mg

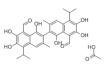


Gossypol acetic acid

((±)-Gossypol-acetic acid; BL 193 (acetic acid)) Cat. No.: HY-17510

Bioactivity: Gossypol, a natural product isolated from cottonseeds and roots, binds to **Bcl-xL** protein and **Bcl-2** protein with K_is of 0.5-0.6 μM and 0.2-0.3 mM, respectively.

Purity: 99.41%
Clinical Data: Phase 3
Size: 10mM x 1mL in DMSO, 200 mg, 500 mg

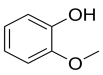


Guaiacol

(2-Methoxyphenol) Cat. No.: HY-N1380

Bioactivity: Guaiacol, a phenolic compound isolated from Guaiac resin, inhibits LPS-stimulated **COX-2** expression and **NF-κB** activation [1]. Anti-inflammatory activity [1].

Purity: 99.29%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 100 mg

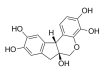


Hematoxylin

(Natural Black 1; Haematoxylin) Cat. No.: HY-N0116

Bioactivity: Hematoxylin is a natural product.

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 1 g, 5 g

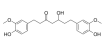


Hexahydrocurcumin

Cat. No.: HY-N0929

Bioactivity: Hexahydrocurcumin is a natural compound which posesses anticancer and anti-inflammatory activities; selective COX-2 inhibitor. IC50 value: Target: in vitro: The relative antioxidant potencies of ginger compounds decreased in similar order of 1-dehydro-[6]-gingerdione,...

Purity: 98.58%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg

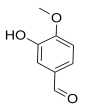


Isovanillin

(3-Hydroxy-4-methoxybenzaldehyde) Cat. No.: HY-I0637

Bioactivity: Isovanillin is an **aldehyde oxidase** inhibitor [1]. Antispasmodic activities [2]. Antidiarrheal activities [3].

Purity: 99.89%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 1 g

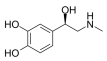


L-Epinephrine

((-)-Epinephrine; L-Adrenaline; (-)-Adrenalin) Cat. No.: HY-B0447B

Bioactivity: L-Epinephrine is a hormone secreted by the medulla of the adrenal glands. L-Epinephrine is an **α-adrenergic** and **β-adrenergic** receptor agonist.

Purity: 99.0%
Clinical Data: Launched
Size: 1 g, 5 g, 25 g

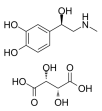


L-Epinephrine Bitartrate

((-)-Epinephrine (+)-bitartrate salt; L-Adrenaline (+)-bitartrate salt) Cat. No.: HY-B0447A

Bioactivity: L-Epinephrine bitartrate is an **α-adrenergic** and **β-adrenergic** receptor agonist. L-Epinephrine is a hormone secreted by the medulla of the adrenal glands.

Purity: 99.0%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 1 g, 5 g

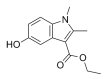


Mecarbinate

(Dimecarbin; Dimecarbine; Dimekarbin) Cat. No.: HY-B0376

Bioactivity: Mecarbinate is an anti-hepatitis C virus (HCV) agent.

Purity: 98.34%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg, 50 mg

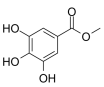


Methyl gallate

(Gallincin; NSC 363001) Cat. No.: HY-N2010

Bioactivity: Methyl gallate is a plant phenolic with antioxidant, anticancer, and anti-inflammatory activities. Methyl gallate also shows **bacterial** inhibition activity.

Purity: 99.96%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 g

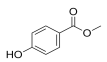


Methyl Paraben

(Methyl 4-hydroxybenzoate) Cat. No.: HY-N0349

Bioactivity: Methyl Paraben, isolated from the barks of Tsuga dumosa the methyl ester of p-hydroxybenzoic acid, is a standardized chemical allergen. Methyl Paraben is a stable, non-volatile compound used as an antimicrobial preservative in foods, drugs and cosmetics. The physiologic effect of Methyl Paraben is by...

Purity: 99.71%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 100 mg

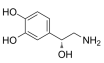


Norepinephrine

(Levarterenol; L-Noradrenaline) Cat. No.: HY-13715

Bioactivity: Norepinephrine (Levarterenol; L-Noradrenaline) is a β_1-selective **adrenergic receptor** agonist with EC_{50} of 5.37 μM.

Purity: >98%
Clinical Data: No Development Reported
Size: 500 mg

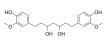


Octahydrocurcumin

(Hexahydrobisdemethoxycurcumin) Cat. No.: HY-N0894

Bioactivity: Octahydrocurcumin is a hydrogenated derivatives of curcumin; metabolite of curcumin. IC50 value: Target: OKT3-induced PBMC proliferation was inhibited by octahydrocurcumin with IC50 of 82 uM. The investigated substances with the strongest effect on radical scavenging were tetrahydro-, hexahydro-, and...

Purity: 99.52%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg

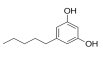


Olivetol

Cat. No.: HY-W008364

Bioactivity: Olivetol is a naturally phenol found in lichens and produced by certain insects, acting as a competitive inhibitor of the cannabinoid receptors **CB1** and **CB2** [3]. Olivetol also inhibits **CYP2C19** and **CYP2D6** activity, with IC_{50}s of 1...

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 100 mg

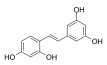


Oxyresveratrol

(trans-Oxyresveratrol) Cat. No.: HY-N1430

Bioactivity: Oxyresveratrol is neuroprotective and inhibits the apoptotic cell death in transient cerebral ischemia. It effectively scavenges H2O2, NO (IC50 = 45.3 μM), and the artificial free radical 2,2-diphenyl-l-picrylhydrazyl (IC50 = 28.9 μM) In vitro: 1)oxyresveratrol exhibited more than 50% inhibition at...

Purity: 99.91%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 50 mg, 100 mg, 500 mg, 1 g

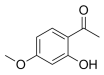


Paeonol

Cat. No.: HY-N0159

Bioactivity: Paeonol is an active extraction from the root of Paeonia suffruticosa, Paeonol inhibits **MAO-A** and **MAO-B** with IC_{50} of 54.6 μM and 42.5 μM, respectively.

Purity: 99.98%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 250 mg, 1 g

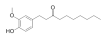


Paradol

([6]-Gingerone; [6]-Paradol) Cat. No.: HY-14617

Bioactivity: Paradol is a pungent phenolic substance found in ginger and other Zingiberaceae plants. Paradol is an effective inhibitor of tumor promotion in mouse skin carcinogenesis, binds to **cyclooxygenase (COX)-2** active site.

Purity: 98.84%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg, 50 mg, 100 mg

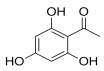


Phloracetophenone (2,4,6-trihydroxyacetophenone; 1-(2,4,6-Trihydroxyphenyl)ethanone)

Cat. No.: HY-W008226

Bioactivity: Phloracetophenone (2,4,6-trihydroxyacetophenone) is the aglycone part of acetophenone glycoside obtained from Curcuma comosa Roxb, with cholesterol-lowering activity. Phloracetophenone enhances cholesterol 7α-hydroxylase (**CYP7A1**) activity [1]. Phloracetophenone stimulates bile...

Purity: 99.91%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 100 mg

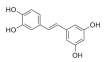


Piceatannol

(Astringenin; trans-Piceatannol) Cat. No.: HY-13518

Bioactivity: Piceatannol is a selective inhibitor of protein tyrosine kinase Syk. It could inhibit ICa,L, Ito, IKr, Ca2+ transients and Na+-Ca2+ exchange except IK1. Shows multiple biological activities such as anti-inflammatory, antiproliferative and immunomodulatory effects. In vitro: The treatment of human...

Purity: 98.10%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 10 mg, 25 mg, 50 mg, 100 mg

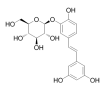


Piceatannol 3'-O-glucoside

(Quzhaqigan) Cat. No.: HY-N2237

Bioactivity: Piceatannol 3'-O-glucoside, an active component of Rhubarb, activates endothelial **nitric oxide** (**NO**) **synthase** through inhibition of arginase activity with IC_{50}s of 11.22 μM and 11.06 μM against **arginase I** and **arginase II**, respectively.

Purity: 99.0%
Clinical Data: No Development Reported
Size: 5 mg

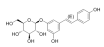


Polydatin

(Piceid) Cat. No.: HY-N0120A

Bioactivity: Polydatin (Piceid), extracted from the roots of Polygonum cuspidatum Sieb, a widely used traditional Chinese remedies, possesses anti-inflammatory activity in several experimental models.

Purity: 98.42%
Clinical Data: Phase 2
Size: 10mM x 1mL in DMSO, 100 mg, 200 mg, 500 mg

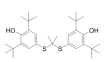


Probucol

(DH-581) Cat. No.: HY-B0388

Bioactivity: Probucol (DH-581) is an anti-hyperlipidemic drug by lowering the level of cholesterol in the bloodstream by increasing the rate of LDL catabolism.

Purity: 98.0%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 100 mg, 500 mg

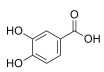


Protocatechuic acid

(3,4-Dihydroxybenzoic acid) Cat. No.: HY-N0294

Bioactivity: Protocatechuic acid is a phenolic compound which exhibits neuroprotective effect.

Purity: 99.95%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 200 mg, 1 g

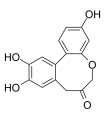


Protosappanin A

(PTA) Cat. No.: HY-113573

Bioactivity: Protosappanin A (PTA), an immunosuppressive ingredient and major biphenyl compound isolated from Caesalpinia sappan L, suppresses **JAK2/STAT3**-dependent inflammation pathway through down-regulating the phosphorylation of JAK2 and STAT3 [1].

Purity: 98.88%
Clinical Data:
Size: 5 mg

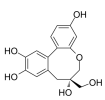


Protosappanin B

((-)-Protosappanin B) Cat. No.: HY-N0800

Bioactivity: Protosappanin B is a phenolic compound extracted from Lignum Sappan. Anti-cancer activity [1]. Protosappanin B induces apoptosis and causes G_1 cell cycle arrest in human bladder cancer cells [2].

Purity: >98%
Clinical Data: No Development Reported
Size:

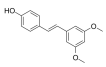


Pterostilbene

Cat. No.: HY-N0828

Bioactivity: Pterostilbene is a stilbenoid isolated from blueberries and Pterocarpus marsupium [1]. Shows anti-oxidant, anti-inflammatory, anti-carcinogenic, anti-diabetic and anti-obesity properties [1] [4]. Pterostilbene blocks ...

Purity: 99.79%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 25 mg

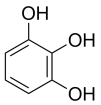


Pyrogallol

Cat. No.: HY-N1579

Bioactivity: Pyrogallol is a polyphenol compound, which has anti-fungal and anti-psoriatic properties. Pyrogallol is a reductant that is able to generate free radicals, in particular superoxide anions.

Purity: 97.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 1 g



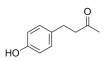
Raspberry ketone

(Frambione; 4-(4-Hydroxyphenyl)-2-butanone)

Cat. No.: HY-N1426

Bioactivity: Raspberry ketone is a major aromatic compound of red raspberry, widely used as a fragrance in cosmetics and as a flavoring agent in foodstuff; also shows **PPAR-α** agonistic activity.

Purity: 99.91%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 100 mg

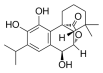


Rosmanol

Cat. No.: HY-N5015

Bioactivity: Rosmanol could inhibit the oxidation of low density lipoprotein (LPL) and significantly inhibit lipopolysaccharide induced iNOS and COX-2 expression, with anti-inflammatory effect.

Purity: >98%
Clinical Data: No Development Reported
Size: 5 mg, 10 mg, 25 mg



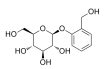
Salicin

(D-(−)-Salicin; Salicoside)

Cat. No.: HY-N0149

Bioactivity: Salicin is a natural **COX** inhibitor.

Purity: 99.60%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 500 mg, 1 g, 5 g



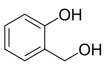
Salicyl alcohol

(2-Hydroxybenzyl alcohol; Saligenin)

Cat. No.: HY-B1419

Bioactivity: Salicyl alcohol is an intermediate for medicine, perfume, pesticide.

Purity: 98.64%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 100 mg



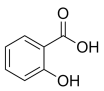
Salicylic acid

(2-Hydroxybenzoic acid)

Cat. No.: HY-B0167

Bioactivity: Salicylic acid inhibits cyclo-oxygenase-2 (**COX-2**) activity independently of transcription factor (NF-κB) activation.

Purity: 98.0%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 10 g, 50 g

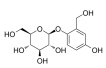


Salirepin

Cat. No.: HY-N1317

Bioactivity: Salirepin is a phenolic glycoside from fruits of Idesia polycarpa, inhibits LPS-induced nitric oxide production [1].

Purity: >98%
Clinical Data: No Development Reported
Size:



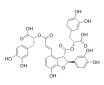
Salvianolic acid B

(Dan Shen Suan B; Lithospermic acid B)

Cat. No.: HY-N1362

Bioactivity: Salvianolic acid B is an active ingredient of Salvia miltiorrhiza, which has been widely applied in China for the management of various microcirculation-related disorders, such as cardiovascular disease, cerebrovascular disease, and diabetic vascular complication. IC50 value: Target: In vitro:...

Purity: 99.93%
Clinical Data: No Development Reported
Size: 5 mg, 10 mg, 25 mg

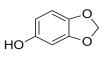


Sesamol

Cat. No.: HY-N1417

Bioactivity: Sesamol is a constituent of sesame oil. Sesamol shows a free radical scavenging activity. Sesamol shows an IC_{50}=5.95±0.56 μg/mL in the DPPH assay. Anti-oxidant activities [1]. Anticancer activities [2].

Purity: 99.85%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 100 mg



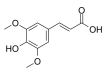
Sinapinic acid

(Sinapic acid)

Cat. No.: HY-W009732

Bioactivity: Sinapinic acid (Sinapic acid) is a phenolic compound isolated from Hydnophytum formicarum Jack. Rhizome, acts as an inhibitor of **HDAC**, with an **IC_{50}** of 2.27 mM [1], and also inhibits **ACE-I** activity [2]. Sinapinic acid posssess pot...

Purity: 99.61%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 100 mg

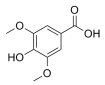


Syringic acid

Cat. No.: HY-N0339

Bioactivity: Syringic acid is correlated with high antioxidant activity and inhibition of LDL oxidation.

Purity: >98%
Clinical Data: No Development Reported
Size: 100 mg

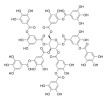


Tannic acid

Cat. No.: HY-B2136

Bioactivity: Tannic acid is a novel **hERG channel** blocker with **IC_{50}** of 3.4 μM.

Purity: 81.68%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 1 g, 5 g

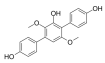


Terphenyllin

Cat. No.: HY-119821

Bioactivity: Terphenyllin is a naturally abundant p-terphenyl metabolite isolated from the coral derived fungus Aspergillus candidus, has significant **α-glucosidase** inhibitory activity [1].

Purity: 98.18%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 1 mg, 5 mg, 10 mg



Tetrahydrocurcumin

(HZIV 81-2)

Cat. No.: HY-N0893

Bioactivity: Tetrahydrocurcumin is a Curcuminoid found in turmeric (Curcuma longa) that is produced by the reduction of Curcumin. Tetrahydrocurcumin inhibit **CYP2C9** and **CYP3A4**.

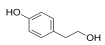
Purity: 95.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg

Tyrosol

Cat. No.: HY-N0474

Bioactivity: Tyrosol is a derivative of phenethyl alcohol. Tyrosol attenuates pro-inflammatory cytokines from cultured astrocytes and **NF-κB** activation. Anti-oxidative and anti-inflammatory effects [1].

Purity: 98.71%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 100 mg

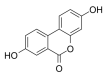


Urolithin A

Cat. No.: HY-100599

Bioactivity: Urolithin A is an intestinal metabolite of ellagic acid with antioxidant and antiproliferative effects; inhibits T24 and Caco-2 cell growth with **IC_{50}** values of 43.9 and 49 μM, respectively.

Purity: 98.06%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg, 25 mg, 50 mg, 100 mg



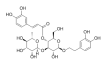
Verbascoside

(Acteoside; Kusaginin; TJC160)

Cat. No.: HY-N0021

Bioactivity: Verbascoside is isolated from Lantana camara, acts as an ATP-competitive inhibitor of **PKC**, with an **IC_{50}** of 25 μM, and has antitumor, anti-inflammatory and antineuropathic pain activity.

Purity: 95.67%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 10 mg, 50 mg, 100 mg

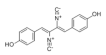


Xantocillin

Cat. No.: HY-122404

Bioactivity: Xanthocillin is a marine agent extracted from Penicillium commune, induces autophagy through inhibition of the **MEK/ERK** pathway [1].

Purity: >98%
Clinical Data: No Development Reported
Size: 500 mg, 250 mg



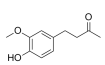
Zingerone

(Vanillylacetone; Gingerone)

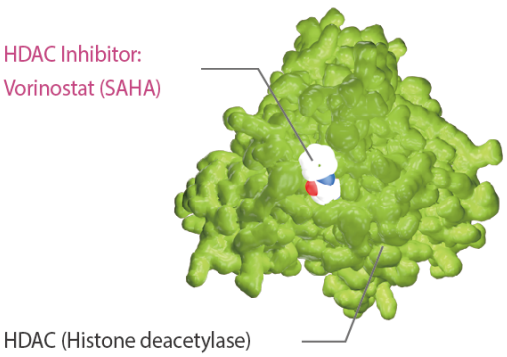
Cat. No.: HY-14621

Bioactivity: Zingerone (Vanillylacetone) is a nontoxic methoxyphenol isolated from Zingiber officinale, with potent anti-inflammatory, antidiabetic, antilipolytic, antidiarrhoeic, antispasmodic and anti-tumor [3] propert...

Purity: 99.41%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 100 mg



Acids and Aldehydes



An Acid is an organic compound with acidic properties, mostly produced in the plants. Some organic acids are with carboxyl group -COOH, group -SO_2OH. Other groups can also confer acidity, usually weakly: the thiol group -SH, the enol group, and the phenol group. Organice acids are commonly used for acidulant, antioxidant, flavoring agent, and some possess antibacterial activities.

An aldehyde is an organic compound containing a functional group with the structure -CHO, consisting of a carbonyl center (a carbon double-bonded to oxygen) with the carbon atom also bonded to hydrogen and to an R group, which is any generic alkyl or side chain. Many aldehydes are found in essential oils and often contribute to their favorable odors, e.g. cinnamaldehyde, cilantro, and vanillin. Possibly because of the high reactivity of the formyl group, aldehydes are not common in several of the natural building blocks: amino acids, nucleic acids, lipids. Most sugars, however, are derivatives of aldehydes. These aldoses exist as hemiacetals, a sort of masked form of the parent aldehyde. For example, in aqueous solution only a tiny fraction of glucose exists as the aldehyde.

(9Z,11E)-Tetradecadien-1-yl acetate

(Ferodin SL; Litlure A; Prodlure) Cat. No.: HY-101735

Bioactivity: (9Z,11E)-Tetradecadien-1-yl acetate is the main component of the sex pheromone of female Spodoptera littoralis.

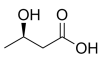
Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 10 mg, 50 mg

(R)-3-Hydroxybutanoic acid

Cat. No.: HY-W051723

Bioactivity: (R)-3-Hydroxybutanoic acid is a metabolite, and converted from acetoacetic acid catalyzed by 3-hydroxybutyrate dehydrogenase.

Purity: 97.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in Water, 50 mg

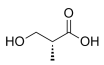


(R)-3-Hydroxyisobutyric acid

Cat. No.: HY-113108

Bioactivity: (R)-3-Hydroxyisobutyric acid is an intermediate in the pathways of l-valine and thymine and plays an important role in the diagnosis of the very rare inherited metabolic diseases 3-hydroxyisobutyric aciduria and methylmalonic semialdehyde dehydrogenase deficiency.

Purity: >98%
Clinical Data: No Development Reported
Size: 5 mg

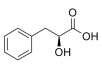


(S)-2-Hydroxy-3-phenylpropanoic acid

Cat. No.: HY-30220

Bioactivity: (S)-2-Hydroxy-3-phenylpropanoic acid is a product of phenylalanine catabolism. An elevated level of phenyllactic acid is found in body fluids of patients with or phenylketonuria.

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 100 mg

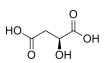


(S)-2-Hydroxysuccinic acid

Cat. No.: HY-Y1069

Bioactivity: (S)-2-Hydroxysuccinic acid is a dicarboxylic acid in naturally occurring form, contributes to the pleasantly sour taste of fruits and is used as a food additive.

Purity: 97.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 g

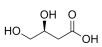


(S)-3,4-Dihydroxybutyric acid

Cat. No.: HY-113304

Bioactivity: (S)-3,4-Dihydroxybutyric acid is a normal human urinary metabolite that is excreted in increased concentration in patients with succinic semialdehyde dehydrogenase (SSADH) deficiency.

Purity: >98%
Clinical Data: No Development Reported
Size: 10 mg

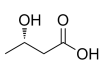


(S)-3-Hydroxybutanoic acid ((S)-β-Hydroxybutanoic acid; L-(+)-3-Hydroxybutyric acid; L-β-Hydroxybutyric acid)

Cat. No.: HY-W050031

Bioactivity: (S)-3-Hydroxybutanoic acid is a normal human metabolite, that has been found elevated in geriatric patients remitting from depression. In humans, 3-Hydroxybutyric acid is synthesized in the liver from acetyl-CoA, and can be used as an energy source by the brain when blood glucose is low.

Purity: 97.0%
Clinical Data:
Size: 10mM x 1mL in Water, 50 mg

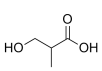


(S)-3-Hydroxyisobutyric acid

Cat. No.: HY-113126

Bioactivity: (S)-3-Hydroxyisobutyric acid is an important interorgan metabolite, an intermediate in the pathways of l-valine and thymine and a good gluconeogenic substrate.

Purity: 92.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg

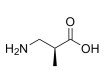


(S)-b-aminoisobutyric acid

Cat. No.: HY-113380

Bioactivity: (S)-b-aminoisobutyric acid is a non-protein amino acid originating from the catabolism of thymine and valine.

Purity: >98%
Clinical Data: No Development Reported
Size: 5 mg

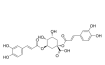


1,3-Dicaffeoylquinic acid

(1,3-O-Dicaffeoylquinic acid; 1,5-Dicaffeoylquinic acid) Cat. No.: HY-N1412

Bioactivity: 1,3-Dicaffeoylquinic acid is a caffeoylquinic acid derivative that exhibits antioxidant activity and radical scavenging activity.

Purity: 99.82%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg, 25 mg



10-Hydroxydecanoic acid

(NSC 15139) Cat. No.: HY-Y0148

Bioactivity: 10-Hydroxydecanoic acid (NSC 15139) is a saturated fatty acid of 10-hydroxy-trans-2-decenoic acid from royal jelly, with anti-inflammatory activity [1].

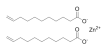
Purity: 97.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 100 mg

10-Undecenoic acid zinc salt

(Zinc undecylenate) Cat. No.: HY-B0914A

Bioactivity: 10-Undecenoic acid zinc salt is a natural or synthetic fungistatic fatty acid, is used topically in creams against fungal infections, eczemas, ringworm, and other cutaneous conditions. The zinc provides an astringent action.

Purity: 98.0%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 100 mg



10Z-Nonadecenoic acid

Cat. No.: HY-113450

Bioactivity: 10Z-Nonadecenoic acid is a kind of long-chain fatty acid with anti-tumor activity.

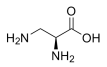
Purity: >98%
Clinical Data: No Development Reported
Size: 10 mg

2,3-Diaminopropionic acid

Cat. No.: HY-113379

Bioactivity: 2, 3-Diaminopropionic acid is a metabolite of b-oxalyl-L-a, b-diaminopropionic acid a neurotoxic amino acid (ODAP).

Purity: >98%
Clinical Data: No Development Reported
Size: 100 mg

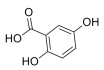


2,5-Dihydroxybenzoic acid

Cat. No.: HY-W001179

Bioactivity: 2,5-Dihydroxybenzoic acid is a derivative of benzoic and a powerful inhibitor of **fibroblast growth factors**.

Purity: 99.97%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 100 mg

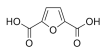


2,5-Furandicarboxylic acid

Cat. No.: HY-W002105

Bioactivity: 2,5-Furandicarboxylic acid is a biomass-derived diacid that can be used to make polymers including polyethylene furandicarboxylate (PEF).

Purity: 98.48%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 1 g

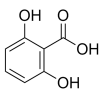


2,6-Dihydroxybenzoic acid

Cat. No.: HY-Y0801

Bioactivity: 2,6-Dihydroxybenzoic acid is a secondary metabolite of salicylic acid which has been hydrolyzed by liver enzymes during phase I metabolism.

Purity: 99.83%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 g

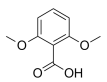


2,6-Dimethoxybenzoic acid

Cat. No.: HY-76504

Bioactivity: 2,6-Dimethoxybenzoic acid is a member of organic compounds known as o-methoxybenzoic acids and derivatives.

Purity: >98%
Clinical Data: No Development Reported
Size: 50 mg

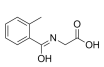


2-(2-Methylbenzamido)acetic acid

Cat. No.: HY-W015060

Bioactivity: 2-(2-Methylbenzamido)acetic acid is a metabolite detected in urine.

Purity: 99.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 1 g

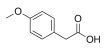


2-(4-Methoxyphenyl)acetic acid

(4-Methoxyphenylacetic acid) Cat. No.: HY-W004206

Bioactivity: 2-(4-Methoxyphenyl)acetic acid is a plasma metabolite, with high sensitivity and specificity value as a biomarker for discriminating between NSCLC and healthy controls.

Purity: 99.80%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 g

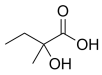


2-Hydroxy-2-methylbutanoic acid

Cat. No.: HY-W015874

Bioactivity: 2-Hydroxy-2-methylbutanoic acid, an unusual metabolite, is associated with 2-hydroxyglutaric aciduria and maple syrup urine disease.

Purity: 97.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 1 g

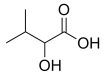


2-Hydroxy-3-methylbutanoic acid

Cat. No.: HY-W008150

Bioactivity: 2-Hydroxy-3-methylbutanoic acid is a close structure analogue of GHB, which is a naturally occurring neurotransmitter and a psychoactive drug.

Purity: 98.57%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 100 mg

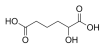


2-Hydroxyadipic acid

Cat. No.: HY-113101

Bioactivity: 2-Hydroxyadipic acid is an organic acid, formed by the reduction of 2-ketoadipic acid.

Purity: >98%
Clinical Data: No Development Reported
Size: 5 mg

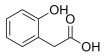


2-Hydroxyphenylacetic acid

Cat. No.: HY-W015590

Bioactivity: 2-Hydroxyphenylacetic acid is a potential biomarker for the food products, and found to be associated with phenylketonuria **(PKU)**.

Purity: 97.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 g

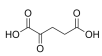


2-Ketoglutaric acid

Cat. No.: HY-W013636

Bioactivity: 2-Ketoglutaric acid is an intermediate compound of the Krebs cycle and is also connected to glutamic acid and glutamine metabolisms through the transamination reactions.

Purity: 97.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in Water, 1 g

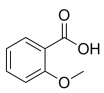


2-Methoxybenzoic acid (NSC 3778; O-Methylsalicylic acid; Salicylic acid methyl ether)

Cat. No.: HY-N1393

Bioactivity: 2-Methoxybenzoic acid (NSC 3778) is used as an internal standard of salicylic acid and its putative biosynthetic precursors in cucumber leaves. Another known use is in the synthesis of Benextramine.

Purity: 99.06%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 1 g

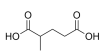


2-Methylpentanedioic acid

Cat. No.: HY-W017524

Bioactivity: 2-Methylpentanedioic acid is a metabolite of succinic acid, a citric acid cycle intermediate.

Purity: 97.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 1 g

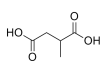


2-Methylsuccinic acid

Cat. No.: HY-W010381

Bioactivity: 2-Methylsuccinic acid is a normal metabolite in human fluids and the main biochemical measurable features in ethylmalonic encephalopathy.

Purity: 97.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 1 g

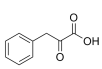


2-Oxo-3-phenylpropanoic acid

Cat. No.: HY-W012530

Bioactivity: 2-Oxo-3-phenylpropanoic acid is used in the synthesis of 3-phenyllactic acid (PLA) by lactate dehydrogenase.

Purity: 97.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 1 g

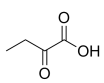


2-Oxobutanoic acid

Cat. No.: HY-W007926

Bioactivity: 2-Oxobutanoic acid is a product in the enzymatic cleavage of cystathionine.

Purity: 97.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 1 g

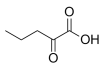


2-Oxovaleric acid

Cat. No.: HY-113098

Bioactivity: 2-Oxovaleric acid is a keto acid that is found in human blood.

Purity: >98%
Clinical Data: No Development Reported
Size: 5 mg

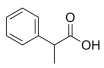


2-Phenylpropionic acid

Cat. No.: HY-W015608

Bioactivity: 2-Phenylpropionic acid is an intermediate in alpha-Methylstyrene metabolism.

Purity: 97.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 1 g



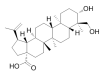
23-Hydroxybetulinic acid

(Anemosapogenin)

Cat. No.: HY-N0566

Bioactivity: 23-hydroxybetulinic acid is one of the bioactive components responsible for its anticancer activity.

Purity: >98%
Clinical Data: No Development Reported
Size: 5 mg, 10 mg



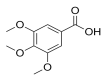
3,4,5-Trimethoxybenzoic acid

(Eudesmic acid; Trimethylgallic Acid)

Cat. No.: HY-Y0084

Bioactivity: 3,4,5-Trimethoxybenzoic acid (Eudesmic acid;Trimethylgallic Acid) is a benzoic acid derivative. A building block in medicine and organic synthesis.

Purity: 97.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 100 mg

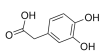


3,4-Dihydroxybenzeneacetic acid

Cat. No.: HY-W001080

Bioactivity: 3,4-Dihydroxybenzeneacetic acid is the main neuronal metabolite of dopamine.

Purity: 99.74%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 1 g

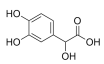


3,4-Dihydroxymandelic acid

Cat. No.: HY-113474

Bioactivity: 3,4-Dihydroxymandelic acid is a metabolite of norepinephrine.

Purity: >98%
Clinical Data: No Development Reported
Size: 25 mg

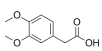


3,4-Dimethoxyphenylacetic acid

Cat. No.: HY-Y0771

Bioactivity: 3,4-Dimethoxyphenylacetic acid is a building block in the chemical synthesis.

Purity: 97.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 g

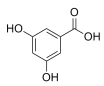


3,5-Dihydroxybenzoic acid

Cat. No.: HY-W015560

Bioactivity: 3,5-Dihydroxybenzoic acid a potential biomarker for the consumption of many food products, including beer, nuts, peanut, and pulses.

Purity: 99.74%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 g

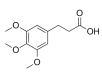


3-(3,4,5-Trimethoxyphenyl)propanoic acid

Cat. No.: HY-W022390

Bioactivity: 3-(3,4,5-Trimethoxyphenyl)propanoic acid is found in herbs and spices. 3-(3,4,5-Trimethoxyphenyl)propanoic acid is a constituent of Piper longum (long pepper) and Piper retrofractum (Javanese long pepper).

Purity: >98%
Clinical Data:
Size: 100 mg

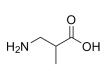


3-Amino-2-methylpropanoic acid

Cat. No.: HY-W012974

Bioactivity: 3-Amino-2-methylpropanoic acid could induce browning of white fat and hepatic β-oxidation and is inversely correlated with cardiometabolic risk factors.

Purity: 97.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 100 mg

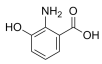


3-Hydroxyanthranilic acid

Cat. No.: HY-W001171

Bioactivity: 3-Hydroxyanthranilic acid is a tryptophan metabolite in the kynurenine pathway.

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 100 mg

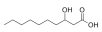


3-Hydroxycapric acid

Cat. No.: HY-113057

Bioactivity: 3-Hydroxycapric acid is an inhibitor for mitotic progression.

Purity: >98%
Clinical Data: No Development Reported
Size: 5 mg



3-Hydroxydodecanoic acid

Cat. No.: HY-113107

Bioactivity: 3-Hydroxydodecanoic acid is a medium-chain fatty acid associated with fatty acid metabolic disorders.

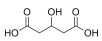
Purity: >98%
Clinical Data: No Development Reported
Size: 5 mg

3-Hydroxyglutaric acid

Cat. No.: HY-113411

Bioactivity: 3-Hydroxyglutaric acid is a glutaric acid derivative.

Purity: >98%
Clinical Data: No Development Reported
Size: 5 mg

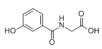


3-Hydroxyhippuric acid

Cat. No.: HY-113085

Bioactivity: 3-Hydroxyhippuric acid is an acyl glycine. Acyl glycines are normally minor metabolites of fatty acids.

Purity: 99.93%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 50 mg

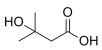


3-Hydroxyisovaleric acid

Cat. No.: HY-113409

Bioactivity: 3-Hydroxyisovaleric acid is a normal human metabolite excreted in the urine.

Purity: 97.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 1 g

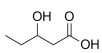


3-Hydroxyvaleric acid

Cat. No.: HY-113004

Bioactivity: 3-Hydroxyvaleric acid is a 5-carbon ketone body. 3-Hydroxyvaleric acid is anaplerotic, meaning it can refill the pool of TCA cycle intermediates.

Purity: >98%
Clinical Data:
Size: 5 mg, 10 mg, 25 mg

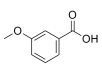


3-Methoxybenzoic acid (3-Anisic acid; 3-Methoxybenzoic acid; NSC 27014; NSC 9264; m-Methoxybenzoic acid)

Cat. No.: HY-Y0760

Bioactivity: 3-Methoxybenzoic acid can be used in the synthesis of 3-methoxybenzoates of europium (III) and gadolinium (III).

Purity: 97.73%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 g

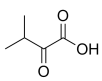


3-Methyl-2-oxobutanoic acid

Cat. No.: HY-W006057

Bioactivity: 3-Methyl-2-oxobutanoic acid is a precursor of pantothenic acid in Escherichia coli.

Purity: 97.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 100 mg

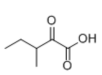


3-Methyl-2-oxovaleric acid

Cat. No.: HY-113063

Bioactivity: 3-Methyl-2-oxovaleric acid is a neurotoxin, an acidogen, and a metabotoxin, and also an abnormal metabolite that arises from the incomplete breakdown of branched-chain amino acids.

Purity: 99.81%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 100 mg

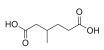


3-Methyladipic acid

Cat. No.: HY-113277

Bioactivity: 3-Methyladipic acid is the final metabolite in the ω-oxidation pathway.

Purity: 97.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 1 g

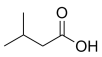


3-Methylbutanoic acid

Cat. No.: HY-W012980

Bioactivity: 3-Methylbutanoic acid is a natural fatty acid and known to effect on neonatal death and possible Jamaican vomiting sickness in human.

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 1 g

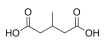


3-Methylglutaric acid

Cat. No.: HY-113410

Bioactivity: 3-Methylglutaric acid is a leucine metabolite.

Purity: 97.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 1 g

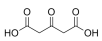


3-Oxopentanedioic acid

Cat. No.: HY-W007752

Bioactivity: 3-Oxopentanedioic acid is a simple dicarboxylic acid, which is well-known to be used in the tropinone synthesis.

Purity: 97.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 1 g

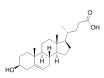


3b-Hydroxy-5-cholenoic acid

Cat. No.: HY-113315

Bioactivity: 3b-Hydroxy-5-cholenoic acid is a monohydroxy bile acid of endogenous origin and could be found in children with the syndrome of hepatic ductular hypoplasia.

Purity: >98%
Clinical Data: No Development Reported
Size: 10 mg, 50 mg

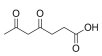


4,6-Dioxoheptanoic acid

Cat. No.: HY-W010184

Bioactivity: 4,6-Dioxoheptanoic acid is a potent inhibitor of heme biosynthesis.

Purity: 97.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 10 mg, 50 mg, 100 mg



4-Aminobenzoic acid

(PABA; Vitamin Bx; Vitamin H1)

Cat. No.: HY-B1008

Bioactivity: 4-Aminobenzoic acid is an intermediate in the synthesis of folate by bacteria, plants, and fungi.

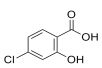
Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in Water, 5 g

4-Chlorosalicylic acid

Cat. No.: HY-W016867

Bioactivity: 4-Chlorosalicylic acid is a pharmaceutical intermediate. Inhibits **monophenolase** and **diphenolase** activity with **IC_{50}**s of 1.89 mM and 1.10 mM. Potent antimicrobial activity. Against E. coli with the MIC of 250 μg/mL and with the MBC of 500 μg/...

Purity: 99.95%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 100 mg

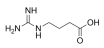


4-Guanidinobutanoic acid

Cat. No.: HY-113286

Bioactivity: 4-Guanidinobutanoic acid is a normal metabolite present in low concentrations.

Purity: 97.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 100 mg

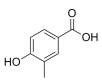


4-Hydroxy-3-methylbenzoic acid

Cat. No.: HY-W002587

Bioactivity: 4-Hydroxy-3-methylbenzoic acid is a normal organic acid identified in urine specimens from a healthy population.

Purity: 98.15%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 1 g

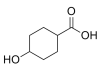


4-Hydroxycyclohexanecarboxylic acid

Cat. No.: HY-W015675

Bioactivity: 4-Hydroxycyclohexanecarboxylic acid belongs to the class of organic compounds known as cyclohexanols.

Purity: >98%
Clinical Data: No Development Reported
Size: 100 mg

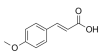


4-Methoxycinnamic acid

Cat. No.: HY-N1387

Bioactivity: 4-Methoxycinnamic acid is detected as natural phenylpropanoid in A. preissii.

Purity: >98%
Clinical Data: No Development Reported
Size: 1 g

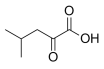


4-Methyl-2-oxopentanoic acid

Cat. No.: HY-W012722

Bioactivity: 4-Methyl-2-oxopentanoic acid, an abnormal metabolite, is both a neurotoxin and a metabotoxin.

Purity: >98%
Clinical Data: No Development Reported
Size: 100 mg

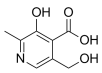


4-Pyridoxic acid

Cat. No.: HY-113493

Bioactivity: 4-Pyridoxic acid is a catabolic product of vitamin B6 which is excreted in the urine.

Purity: >98%
Clinical Data: No Development Reported
Size: 25 mg



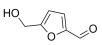
5-(Hydroxymethyl)furan-2-carbaldehyde

(2-Formyl-5-hydroxymethylfuran; ...)

Cat. No.: HY-Y0051

Bioactivity: 5-(Hydroxymethyl)furan-2-carbaldehyde, derived from lignocellulosic biomass, inhibits **yeast** growth and fermentation as stressors.

Purity: 97.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 50 mg

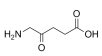


5-Amino-4-oxopentanoic acid

Cat. No.: HY-W000450

Bioactivity: 5-Amino-4-oxopentanoic acid is a non-protein amino acid that plays a rate-limiting role in heme biosynthesis.

Purity: >98%
Clinical Data: No Development Reported
Size: 100 mg

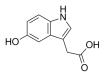


5-Hydroxyindole-3-acetic acid

Cat. No.: HY-W008253

Bioactivity: 5-Hydroxyindole-3-acetic acid is the main metabolite of serotonin or metanephrines, which can be used as a biomarker of neuroendocrine tumors.

Purity: 97.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 100 mg

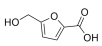


5-Hydroxymethyl-2-furancarboxylic acid

Cat. No.: HY-W005241

Bioactivity: 5-Hydroxymethyl-2-furancarboxylic acid is the main metabolite of 5-hydroxymethyl-2-furfural (HMF) in the body and eliminated renally.

Purity: 97.69%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 100 mg



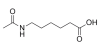
6-Acetamidohexanoic acid

(Acexamic Acid; 6-Acetamidocaproic acid)

Cat. No.: HY-B1259

Bioactivity: 6-Acetamidohexanoic acid is a pharmaceutical intermediate

Purity: 98.0%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 100 mg

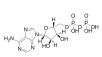


Adenosine 5'-diphosphate

Cat. No.: HY-W010918

Bioactivity: Adenosine 5'-diphosphate is a nucleoside diphosphate. Adenosine 5'-diphosphate is the product of ATP dephosphorylation by ATPases.

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in Water, 100 mg

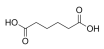


Adipic acid

Cat. No.: HY-W017522

Bioactivity: Adipic acid is found to be associated with HMG-CoA lyase deficiency, carnitine-acylcarnitine translocase deficiency, malonyl-Coa decarboxylase deficiency, and medium Chain acyl-CoA dehydrogenase deficiency, which are inborn errors of metabolism.

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 100 mg

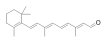


All-trans-retinal

Cat. No.: HY-W004500

Bioactivity: All-trans-retinal is a one of the major vitamin A metabolites in the retina. In physiological conditions, all-trans-RAL is regenerated to the visual chromophore, 11-cis-retinal.

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 100 mg



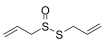
Allicin

(Diallyl thiosulfinate)

Cat. No.: HY-N0315

Bioactivity: Allicin (diallyl thiosulfinate), a highly potent natural antimicrobial activity substance, inhibits growth of a variety of microorganisms, among them antibiotic-resistant strains [1].

Purity: >98%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 50 mg

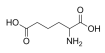


Aminoadipic acid

Cat. No.: HY-113328

Bioactivity: Aminoadipic acid is an intermediate in the metabolism of lysine and saccharopine.

Purity: 97.0%
Clinical Data: No Development Reported
Size: 1 g



Anacardic Acid

(Hydroginkgolic acid)

Cat. No.: HY-N2020

Bioactivity: Anacardic Acid, extracted from cashew nut shell liquid, is a **histone acetyltransferase** inhibitor, inhibits HAT activity of p300 and PCAF, with IC_{50}s of 8.5 μM and 5 μM, respectively.

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg, 25 mg

Arachidonic acid

(Immunocytophyt; Immunocytophyte; Vevodar)

Cat. No.: HY-109590

Bioactivity: Arachidonic acid is an essential fatty acid and a major constituent of biomembranes.

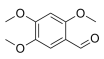
Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg

Asaraldehyde (Asaronaldehyde; Asaraldehyde; 2,4,5-trimethoxy-Benzaldehyde)

Cat. No.: HY-100580

Bioactivity: Asarylaldehyde is a natural **COX-2** inhibitor, which isolated from carrot (Daucus carota L.) seeds significantly inhibits cyclooxygenase II (COX-2) activity at IC_{50} value 100 μg/mL.

Purity: 99.68%
Clinical Data: No Development Reported
Size: 100 mg



Azelaic acid

(Nonanedioic acid)

Cat. No.: HY-B0704

Bioactivity: Azelaic acid is an organic compound produced by the ozonolysis of oleic acid; component of a number of hair and skin conditioners.

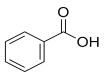
Purity: 98.0%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 1 g, 5 g

Benzoic acid

Cat. No.: HY-N0216

Bioactivity: Benzoic Acid is an aromatic alcohol existing naturally in many plants and is a common additive to food, drinks, cosmetics and other products. It acts as preservatives through inhibiting both **bacteria** and **fungi**.

Purity: 99.95%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 100 mg

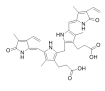


Bilirubin

Cat. No.: HY-N0323

Bioactivity: Bilirubin is a yellow breakdown product of heme catabolism.

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 50 mg

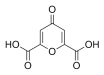


Chelidonic acid

Cat. No.: HY-W041489

Bioactivity: Chelidonic acid is a component of Chelidonium majus L., used as a mild analgesic, an antimicrobial, an acentral nervous system sedative. Chelidonic acid also shows anti-inflammatory activity. Chelidonic acid has potential to inhibit IL-6 production by blocking **NF-κB** and **caspase-1** [1]. Chelidonic...

Purity: 97.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 100 mg



Chenodeoxycholic Acid

(CDCA)

Cat. No.: HY-76847

Bioactivity: Chenodeoxycholic Acid is a hydrophobic primary bile acid that activates nuclear receptors (**FXR**) involved in cholesterol metabolism.

Purity: 98.0%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 100 mg, 500 mg

Cholic acid

Cat. No.: HY-N0324

Bioactivity: Cholic acid is a major primary bile acid produced in the liver and usually conjugated with glycine or taurine. It facilitates fat absorption and cholesterol excretion.

Purity: 98.0%
Clinical Data: Phase 3
Size: 10mM x 1mL in DMSO, 100 mg, 1 g

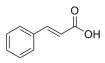
Cinnamic acid

(3-Phenylacrylic acid; β-Phenylacrylic acid)

Cat. No.: HY-N0610A

Bioactivity: Cinnamic acid has potential use in cancer intervention, with **IC_{50}s** of 1-4.5 mM in glioblastoma, melanoma, prostate and lung carcinoma cells.

Purity: 99.51%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 1 g

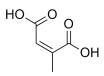


Citraconic acid

Cat. No.: HY-113298

Bioactivity: Citraconic acid belongs to the class of organic compounds known as methyl-branched fatty acids.

Purity: 97.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 g



Citric acid

Cat. No.: HY-N1428

Bioactivity: Citric acid is a weak organic tricarboxylic acid found in citrus fruits. Citric acid is a natural preservative and food tartness enhancer.

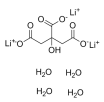
Purity: 98.0%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 100 mg, 500 g

Citric acid trilithium salt tetrahydrate (Lithium citrate tribasic tetrahydrate; Trilithium citrate tetrahydrate)

Cat. No.: HY-B1295

Bioactivity: Citric acid trilithium salt tetrahydrate is a pharmaceutical and construction material, used in HPLC gradient elution for quantitative amino acid analysis.

Purity: 98.0%
Clinical Data: Launched
Size: 10mM x 1mL in Water, 100 mg



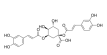
Cynarin

(Cynarine)

Cat. No.: HY-N0359

Bioactivity: Cynarin is an antichoke agent with a variety of biological activities including antioxidant, antihistamic and antiviral activities.

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg, 25 mg

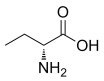


D(-)-2-Aminobutyric acid

Cat. No.: HY-Y0127

Bioactivity: D(-)-2-Aminobutyric acid is a substrate of D-amino acid oxidase.

Purity: 97.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 g



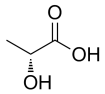
D-(-)-Lactic acid

((R)-2-Hydroxypropionic acid)

Cat. No.: HY-111095

Bioactivity: D-(-)-Lactic acid is a normal intermediate in the fermentation (oxidation, metabolism) of sugar. D-(-)-Lactic acid is identified to be a competitive inhibitor of ProDH (proline dehydrogenase) in plants.

Purity: 80.0%
Clinical Data: No Development Reported
Size: 100 mg, 500 mg

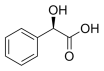


D-(-)-Mandelic acid

Cat. No.: HY-Y0585

Bioactivity: D-(-)-Mandelic acid is a natural compound isolated from bitter almonds.

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 100 mg

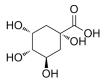


D-(-)-Quinic acid

Cat. No.: HY-N0464

Bioactivity: D-(-)-Quinic acid is a cyclohexanecarboxylic acid and is implicated in the perceived acidity of coffee.

Purity: >98%
Clinical Data: No Development Reported
Size: 100 mg

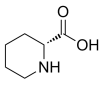


D-Pipecolinic acid

Cat. No.: HY-Y0181

Bioactivity: D-Pipecolinic acid is a normal human metabolite found in human biofluids.

Purity: >98%
Clinical Data: No Development Reported
Size: 1 g



Decanedioic acid

Cat. No.: HY-W014787

Bioactivity: Decanedioic acid, a normal urinary acid, is found to be associated with carnitine-acylcarnitine translocase deficiency and medium chain acyl-CoA dehydrogenase deficiency.

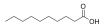
Purity: 97.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 g

Decanoic acid

Cat. No.: HY-W015309

Bioactivity: Decanoic acid belongs to the class of organic compounds known as medium-chain fatty acids.

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 1 g



Decyl aldehyde

Cat. No.: HY-W012570

Bioactivity: Decyl aldehyde is a simple ten-carbon aldehyde. Decyl aldehyde is a bacterial luciferase substrate.

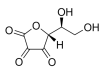
Purity: >98%
Clinical Data: No Development Reported
Size: 1 g

Dehydroascorbic acid

Cat. No.: HY-110281

Bioactivity: Dehydroascorbic acid, a blood-brain barrier transportable form of vitamin C, mediates potent cerebroprotection in experimental stroke.

Purity: >98%
Clinical Data:
Size: 50 mg

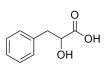


DL-3-Phenyllactic acid

Cat. No.: HY-W017162

Bioactivity: DL-3-Phenyllactic acid is a broad-spectrum antimicrobial compound.

Purity: 99.95%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 100 mg

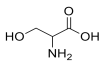


DL-Serine

Cat. No.: HY-Y0507

Bioactivity: DL-Serine is a mixture of D-Serine and L-Serine.

Purity: 97.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 100 mg



Docosahexaenoic Acid

(DHA; Cervonic Acid)

Cat. No.: HY-B2167

Bioactivity: Docosahexaenoic Acid (DHA) is an omega-3 fatty acid abundantly present brain and retina. It can be obtained directly from fish oil and maternal milk.

Purity: 95.04%
Clinical Data: Phase 4
Size: 10mM x 1mL in DMSO, 100 mg, 200 mg, 500 mg

Docosanoic acid

Cat. No.: HY-W013049

Bioactivity: Docosanoic acid is poorly absorbed, and a cholesterol-raising saturated fatty acid in humans.

Purity: >98%
Clinical Data: No Development Reported
Size: 100 mg

Dodecanedioic acid

Cat. No.: HY-W012241

Bioactivity: Dodecanedioic acid (C12) is a dicarboxylic acid which is a water-soluble substance with a metabolic pathway intermediate to those of lipids and carbohydrates.

Purity: 97.0%
Clinical Data: No Development Reported
Size: 1 g

Elaidic acid

Cat. No.: HY-113016

Bioactivity: Elaidic acid is the major trans fat found in hydrogenated vegetable oils and can be used as a pharmaceutical solvent.

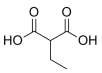
Purity: 98.0%
Clinical Data:
Size: 10mM x 1mL in DMSO, 100 mg

Ethylmalonic acid

Cat. No.: HY-34740

Bioactivity: Ethylmalonic acid is non-carcinogenic potentially toxic and associated with anorexia nervosa and malonyl-CoA decarboxylase deficiency.

Purity: 97.0%
Clinical Data:
Size: 10mM x 1mL in DMSO, 1 g



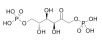
Fosfructose

(Diphosphofructose; Esafosfan; FDP)

Cat. No.: HY-106950

Bioactivity: Fosfructose (Diphosphofructose;Esafosfan;FDP) is a cytoprotective natural sugar phosphate for the potential treatment of cardiovascular ischemia, sickle cell anemia and asthma. It acts by stimulating anaerobic glycolysis which generates adenosine triphosphate under ischemic conditions.

Purity: >98%
Clinical Data:
Size: 100 mg

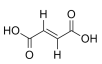


Fumaric acid

Cat. No.: HY-W015883

Bioactivity: Fumaric acid, associated with fumarase deficiency, is identified as an oncometabolite or an endogenous, cancer causing metabolite.

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 g

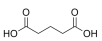


Glutaric acid

Cat. No.: HY-W008820

Bioactivity: Glutaric acid induces oxidative stress in brain of young rats.

Purity: 97.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 1 g

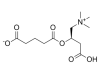


Glutarylcarnitine

Cat. No.: HY-113005

Bioactivity: Glutarylcarnitine is the diagnostic metabolite for malonic aciduria and glutaric aciduria type I monitored in most tandem mass spectrometry newborn screening programmes.

Purity: >98%
Clinical Data: No Development Reported
Size: 5 mg

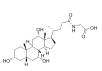


Glycocholic acid

Cat. No.: HY-N1423

Bioactivity: Glycocholic acid is a bile acid with anticancer activity, targeting against pump resistance-related and non-pump resistance-related pathways.

Purity: 97.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 50 mg



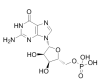
Guanylic acid

(5'-GMP; E 626)

Cat. No.: HY-N5134

Bioactivity: Guanylic acid is involved in several metabolic disorders, including the AICA-ribosiduria pathway, adenosine deaminase deficiency, adenine phosphoribosyltransferase deficiency (aprt), and the 2-hydroxyglutric aciduria pathway.

Purity: >98%
Clinical Data:
Size: 100 mg

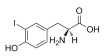


H-Tyr(3-I)-OH

Cat. No.: HY-W008452

Bioactivity: H-Tyr(3-I)-OH is an effective tyrosine hydroxylase inhibitor.

Purity: 99.75%
Clinical Data: No Development Reported
Size: 10mM x 1mL in Water, 50 mg

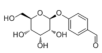


Helicid

(Helicide; Helicidum; 4-Formylphenyl-β-D-allopyranoside) Cat. No.: HY-N0343

Bioactivity: Helicid (Helicide, Helicidum, 4-Formylphenyl-β-D-allopyranoside) is a major constituent of Helicia nilgirica Bedd. Helicid has been used to treat psychoneurosis for its sedative-hypnotic and analgesic properties [1].

Purity: >98%
Clinical Data: No Development Reported
Size:



Hexadecanedioic acid

Cat. No.: HY-W018161

Bioactivity: Hexadecanedioic acid is covalently linked to Sepharose 4B, shows better performance in terms of specificity than dye-based resins and could be used for depletion of SA from plasma samples.

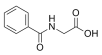
Purity: 97.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 100 mg

Hippuric acid

(2-Benzamidoacetic acid) Cat. No.: HY-W016562

Bioactivity: Hippuric Acid, an acyl glycine produced by the conjugation of benzoic acid and glycine, is a normal component in urine as a metabolite of aromatic compounds from food.

Purity: 99.21%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 g

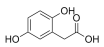


Homogentisic acid

Cat. No.: HY-113283

Bioactivity: Homogentisic acid is a specific metabolite in urine and serum, which is used for diagnosis of alkaptonuria.

Purity: >98%
Clinical Data: No Development Reported
Size: 10 mg

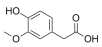


Homovanillic acid

(Vanilacetic acid) Cat. No.: HY-N0384

Bioactivity: Homovanillic acid is a dopamine metabolite found to be associated with aromatic L-amino acid decarboxylase deficiency, celiac disease, growth hormone deficiency, and sepiapterin reductase deficiency.

Purity: 97.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 100 mg



Hydrocinnamic acid (3-Phenyl-n-propionic acid; 3-Phenylpropanoic acid; 3-Phenylpropionic acid)

Cat. No.: HY-Y1088

Bioactivity: Hydrocinnamic acid is the major rhizospheric compound with known growth regulatory activities.

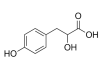
Purity: 99.76%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 g

Hydroxyphenyllactic acid

Cat. No.: HY-113219

Bioactivity: Hydroxyphenyllactic acid is an **antifungal** metabolite.

Purity: >98%
Clinical Data:
Size: 10mM x 1mL in DMSO, 50 mg

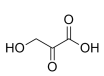


Hydroxypyruvic acid

Cat. No.: HY-113013

Bioactivity: Hydroxypyruvic acid is an intermediate in the metabolism of Glycine, serine and threonine. It is a substrate for Serine--pyruvate aminotransferase and Glyoxylate reductase/hydroxypyruvate reductase.

Purity: >98%
Clinical Data:
Size: 5 mg

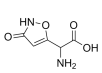


Ibotenic acid

((RS)-Ibotenic acid; DL-Ibotenic acid) Cat. No.: HY-N2311

Bioactivity: Ibotenic acid has agonist activity at both the N-methyl-D-aspartate (**NMDA**) and trans-ACPD or metabolotropic quisqualate (Q_m) receptor sites.

Purity: 98.27%
Clinical Data: No Development Reported
Size: 10mM x 1mL in Water, 5 mg, 10 mg, 25 mg, 50 mg

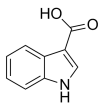


Indole-3-carboxylic acid

Cat. No.: HY-40161

Bioactivity: Indole-3-carboxylic acid is a normal urinary indolic tryptophan metabolite and has been found elevated in patients with liver diseases [1] [2].

Purity: 99.55%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 100 mg

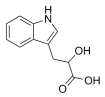


Indolelactic acid

Cat. No.: HY-113099

Bioactivity: Indolelactic acid is a tryptophan (Trp) catabolite in Azotobacter vinelandii cultures.

Purity: 98.42%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 10 mg

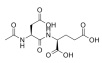


Isospaglumic acid

(N-Acetylaspartylglutamic acid; NAAG; α-Spaglumic acid) Cat. No.: HY-100921

Bioactivity: Isospaglumic acid is a neuropeptide found in millimolar concentrations in brain.

Purity: >98%
Clinical Data: No Development Reported
Size: 10 mg, 50 mg

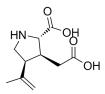


Kainic acid

Cat. No.: HY-N2309

Bioactivity: Kainic acid is a potent agonist at **excitatory amino acid receptor** subtypes in the CNS.

Purity: 99.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in Water, 1 mg, 5 mg, 10 mg

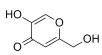


Kojic acid

Cat. No.: HY-W050154

Bioactivity: Kojic acid is a natural substance produced by Aspergillus oryzae, also used as an anti-oxidant and radio-protective agent [1].

Purity: 99.99%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 100 mg

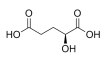


L-2-Hydroxyglutaric acid

Cat. No.: HY-113039

Bioactivity: L-2-Hydroxyglutaric acid is an epigenetic modifier and putative oncometabolite in renal cancer.

Purity: >98%
Clinical Data: No Development Reported
Size: 5 mg

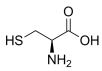


L-Cysteine

Cat. No.: HY-Y0337

Bioactivity: L-Cysteine is a thiol-containing non-essential amino acid that is oxidized to form cystine.

Purity: 97.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in Water, 1 g, 250 g

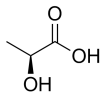


L-Lactic acid

((S)-2-Hydroxypropanoic acid) Cat. No.: HY-Y0479

Bioactivity: L-Lactic acid is a buildiing block which can be used as a precursor for the production of the bioplastic polymer poly-lactic acid.

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 1 g



L-Palmitoylcarnitine

Cat. No.: HY-113147

Bioactivity: L-Palmitoylcarnitine is a fatty acid metabolite.

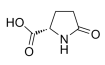
Purity: >98%
Clinical Data: No Development Reported
Size: 5 mg

L-Pyroglutamic acid

Cat. No.: HY-76082

Bioactivity: L-Pyroglutamic acid is the levo-isomer of Pyroglutamic acid. L-Pyroglutamic acid is the biologically active enantiomer in humans. Pyroglutamic acid is an intermediate in glutathione metabolism.

Purity: 97.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 1 g



Lauric acid

Cat. No.: HY-Y0366

Bioactivity: Lauric acid is a middle chain-free fatty acid with strong bactericidal properties. The EC $_{50}$s for P. acnes, S.aureus, S. epidermidis, are 2, 6, 4 μg/mL, respectively.

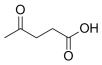
Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 1 g

Levulinic acid (4-Oxovaleric acid; Laevulinic acid; Levulic acid; NSC 3716; β-Acetylpropionic acid; ...)

Cat. No.: HY-Y0839

Bioactivity: Levulinic acid is a precursor for the synthesis of biofuels, such as ethyl levulinate.

Purity: 97.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 g



Linoleic acid

Cat. No.: HY-N0729

Bioactivity: Linoleic acid is a critical component of polyunsaturated fatty acids.

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 1 g, 5 g

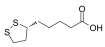
Lipoic acid

((R)-(+)-α-Lipoic acid; R-(+)-Thioctic acid)

Cat. No.: HY-18733

Bioactivity: Lipoic acid ((R)-(+)-α-Lipoic acid) is an antioxidant, which is an essential cofactor of **mitochondrial** enzyme complexes. (R)-(+)-α-Lipoic acid is more effective than racemic Lipoic acid.

Purity: 99.59%
Clinical Data: Phase 4
Size: 10mM x 1mL in DMSO, 500 mg



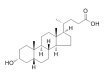
Lithocholic acid

(3α-Hydroxy-5β-cholanic acid)

Cat. No.: HY-B0172

Bioactivity: Lithocholic acid is a toxic secondary bile acid, causes intrahepatic cholestasis, has tumor-promoting activity. Target: Others Lithocholic acid has been used in a study to assess cholestasis and its action on several organs and tissues in rats. It has also been used in a study to...

Purity: 98.00%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 1 g, 5 g

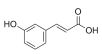


m-Coumaric acid

Cat. No.: HY-113357

Bioactivity: m-Coumaric acid is a polyphenol metabolite from caffeic acid, formed by the gut microflora and the amount in human biofluids is diet-dependant.

Purity: >98%
Clinical Data: No Development Reported
Size: 5 mg



Maleic Acid

Cat. No.: HY-Y0367

Bioactivity: Maleic Acid is a Glutamate Decarboxylase (GAD) inhibitor of **E. coli** and **L. monocytogenes**.

Purity: 97.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 g

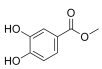
Methyl 3,4-dihydroxybenzoate

(Protocatechuic acid methyl ester; Methyl protocatechuate)

Cat. No.: HY-Z0548

Bioactivity: Methyl 3,4-dihydroxybenzoate (Protocatechuic acid methyl ester;Methyl protocatechuate) is a major metabolite of antioxidant polyphenols found in green tea. Antioxidant and anti-inflammatory effect [1].

Purity: 97.00%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 50 mg



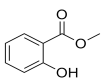
Methyl Salicylate

(Wintergreen oil)

Cat. No.: HY-Y0189

Bioactivity: Methyl Salicylate (Wintergreen oil) is a topical analgesic and anti-inflammatory agent. Also used as a pesticide, a denaturant, a fragrance ingredient, and a flavoring agent in food and tobacco products [1]. A systemic acquired resista...

Purity: 99.98%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 50 mg

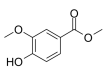


Methyl vanillate

Cat. No.: HY-75342

Bioactivity: Methyl vanillate, one of the ingredients in Hovenia dulcis Thunb, is a **Wnt/β-catenin** pathway activator [1]. A benzoate ester that is the methyl ester of vanillic acid. It has a role as an antioxidant and a plant metabolite.

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 1 g

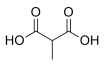


Methylmalonate (Isosuccinic acid; Methylmalonic acid; Methylpropanedioic acid)

Cat. No.: HY-103395

Bioactivity: Methylmalonate is an indicator of Vitamin B-12 deficiency in cancer.

Purity: 97.0%
Clinical Data:
Size: 10mM x 1mL in DMSO, 1 g

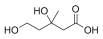


Mevalonic acid

Cat. No.: HY-113071

Bioactivity: Mevalonic acid is a dihydroxy monocarboxylic acid and precursor in the biosynthetic pathway known as the mevalonate pathway, which produces terpenes and steroids that are vital for diverse cellular functions.

Purity: >98%
Clinical Data: No Development Reported
Size: 5 mg

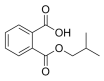


Monoisobutyl phthalic acid

Cat. No.: HY-113220

Bioactivity: Monoisobutyl phthalic acid is a phthalate metabolite that is in human semen and in meconium.

Purity: >98%
Clinical Data:
Size: 50 mg



Myristic acid

Cat. No.: HY-N2041

Bioactivity: Myristic acid is a saturated 14-carbon fatty acid occurring in most animal and vegetable fats, particularly butterfat and coconut, palm, and nutmeg oils.

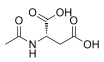
Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 1 g

N-Acetyl-L-aspartic acid

Cat. No.: HY-113524

Bioactivity: N-Acetyl-L-aspartic acid is a derivative of aspartic acid.

Purity: 97.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 100 mg

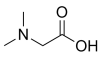


N-Methylsarcosine (DMG; Dimethylglycine; N,N-Dimethylaminoacetic acid; N,N-Dimethylglycine)

Cat. No.: HY-Y0511

Bioactivity: N-Methylsarcosine is an amino acid building block for protein, found in a small amount in the body.

Purity: 97.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 g



Nervonic acid (Selacholeic acid; cis-15-Tetracosenoic acid)

Cat. No.: HY-N2526

Bioactivity: Nervonic acid is a monounsaturated fatty acid important in the biosynthesis of myelin.

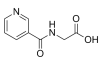
Purity: >98%
Clinical Data:
Size: 50 mg

Nicotinuric acid

Cat. No.: HY-113353

Bioactivity: Nicotinuric acid is an acyl glycine. Nicotinuric acid is a metabolite of nicotinic acid.

Purity: 97.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 100 mg

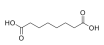


Octanedioic acid

Cat. No.: HY-W015300

Bioactivity: Octanedioic acid is found to be associated with carnitine-acylcarnitine translocase deficiency, malonyl-Coa decarboxylase deficiency.

Purity: 97.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 1 g

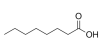


Octanoic acid

Cat. No.: HY-41417

Bioactivity: Octanoic acid is an oily liquid with a slightly unpleasant rancid taste and used commercially in the production of esters used in perfumery and also in the manufacture of dyes.

Purity: 97.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 g



Oleic acid

(9-cis-Octadecenoic acid; 9Z-Octadecenoic acid) Cat. No.: HY-N1446

Bioactivity: Oleic acid is an abundant monounsaturated fatty acid.

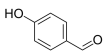
Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 1 mg

p-Hydroxybenzaldehyde

Cat. No.: HY-Y0313

Bioactivity: p-Hydroxybenzaldehyde is a one of the major components in Dendrocalamus asper bamboo shoots, with antagonistic effect on **$GABA_A$ receptor** of the $\alpha_1\beta_2\gamma_2S$ subtype at high concentrations.

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 g

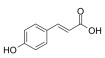


p-Hydroxycinnamic acid

Cat. No.: HY-N2391

Bioactivity: p-Hydroxycinnamic acid, a common dietary phenol, could **inhibit platelet** activity, with **IC_{50}s** of 371 μM, 126 μM for thromboxane B_2 production and lipopolysaccharide-induced prostaglandin E_2 generation, respectively.

Purity: 99.85%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 10 mg, 50 mg, 100 mg, 500 mg

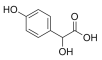


p-Hydroxymandelic acid

Cat. No.: HY-113027

Bioactivity: p-Hydroxymandelic acid is a valuable aromatic fine chemical and widely used for production of pharmaceuticals and food additives.

Purity: 97.0%
Clinical Data: No Development Reported
Size: 100 mg



Palmitelaidic Acid

(9-trans-Hexadecenoic acid; trans-Palmitoleic acid) Cat. No.: HY-N2341

Bioactivity: Palmitelaidic acid is the trans isomer of palmitoleic acid. Palmitoleic acid is one of the most abundant fatty acids in serum and tissue.

Purity: 99.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in Ethanol, 10 mg

Pentadecanoic acid

Cat. No.: HY-W004283

Bioactivity: Pentadecylic acid is a saturated fatty acid with a 15-carbon backbone.

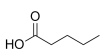
Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 1 g

Pentanoic acid

Cat. No.: HY-N6056

Bioactivity: Pentanoic acid, a short-chain fatty acid, is a product of bacterial metabolism and are associated with allergic skin disorders. Pentanoic acid activates **ROCK** signaling pathway.

Purity: >98%
Clinical Data:
Size: 10 mg



Petroselinic acid

Cat. No.: HY-113362

Bioactivity: Petroselinic acid, a positional isomer of oleic acid, is isolated from the vegetable oil of Coriandrum sativum fruits.

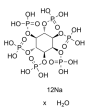
Purity: 99.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg

Phytic acid dodecasodium salt hydrate

Cat. No.: HY-N0814A

Bioactivity: Phytic acid dodecasodium salt hydrate is a phosphorus storage compound of seeds and cereal grains. Phytic acid has the strong ability to chelate multivalent metal ions, especially zinc, calcium, and iron.

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in Water, 250 mg

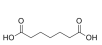


Pimelic acid (1,5-Pentanedicarboxylic acid; 1,7-Heptanedioic acid; Pileric acid)

Cat. No.: HY-Y1139

Bioactivity: Pimelic acid is the organic compound and its derivatives are involved in the biosynthesis of the amino acid called lysine.

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 1 g

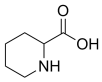


Pipecolic acid

Cat. No.: HY-Y0669

Bioactivity: Pipecolic acid is a metabolite of lysine.

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 g



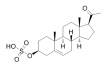
Pregnenolone monosulfate

(Pregn-5-en-20-on-3β-yl sulfuric acid)

Cat. No.: HY-B1739

Bioactivity: Pregnenolone monosulfate acts as a signaling-specific inhibitor of **cannabinoid CB1 receptor**, reduces several effects of tetrahydrocannabinol (THC).

Purity: >98%
Clinical Data: No Development Reported
Size: 50 mg



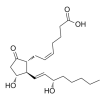
Prostaglandin E2

(Dinoprostone)

Cat. No.: HY-101952

Bioactivity: Prostaglandin E2 is a hormone-like substance that participate in a wide range of body functions such as the contraction and relaxation of smooth muscle, the dilation and constriction of blood vessels, control of blood pressure, and modulation of inflammation.

Purity: 98.01%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 2 mg, 5 mg, 10 mg, 50 mg, 100 mg

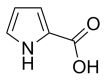


Pyrrole-2-carboxylic acid

Cat. No.: HY-W001963

Bioactivity: Pyrrole-2-carboxylic acid is a natural alkaloid from the marine bacterium Pelomonas puraquae sp. Nov.

Purity: 97.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 1 g



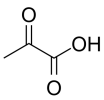
Pyruvic acid

(Acetylformic acid)

Cat. No.: HY-Y0781

Bioactivity: Pyruvic acid is an intermediate metabolite in the metabolism of carbohydrates, proteins, and fats.

Purity: 99.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 g

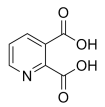


Quinolinic acid

Cat. No.: HY-100807

Bioactivity: Quinolinic acid is an endogenous N-methyl-D-aspartate receptor agonist synthesized from L-tryptophan via the kynurenine pathway and thereby has the potential of mediating N-methyl-D-aspartate neuronal damage and dysfunction.

Purity: 99.81%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 1 g



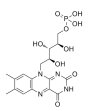
Riboflavine phosphate

(Riboflavine 5'-phosphate)

Cat. No.: HY-B0964A

Bioactivity: Riboflavine phosphate is a very effective NAD $^{+}$-recycling agent.

Purity: >98%
Clinical Data: No Development Reported
Size: 100 mg



Ro 12-1989

(all-cis-8,11,14-Eicosatrienoic acid)

Cat. No.: HY-A0143

Bioactivity: Ro 12-1989 is a 20-carbon-chain omega-6 fatty acid unsaturated at positions 8, 11, and 14.

Purity: >98%
Clinical Data: No Development Reported
Size: 10 mg

Rosmarinic acid racemate

Cat. No.: HY-N2336

Bioactivity: Rosmarinic acid racemate is the racemate of Rosmarinic acid. Rosmarinic acid inhibits **MAO-A**, **MAO-B** and **COMT** enzymes with **IC_{50}**s of 50.1, 184.6 and 26.7 μM, respectively.

Purity: 98.01%
Clinical Data: No Development Reported
Size: 50 mg, 100 mg

Royal Jelly acid

(Queen Bee Acid; (E)-10-Hydroxy-2-decenoic acid)

Cat. No.: HY-N1363

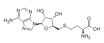
Bioactivity: Royal Jelly acid (Queen Bee Acid) is a fatty acid constituent of royal jelly, promotes the growth and protection of neurons, reduces anxiety-like phenotypes [1].

Purity: 97.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 25 mg

SAH
(SAH (S-Adenosylhomocysteine)) Cat. No.: HY-19528

Bioactivity: SAH is an amino acid derivative and a modulartor in several metabolic pathways. It is an intermediate in the synthesis of cysteine and adenosine.

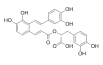
Purity: >98%
Clinical Data: No Development Reported
Size: 10 mg, 25 mg



Salvianolic acid A
Cat. No.: HY-N0318

Bioactivity: Salvianolic acid A could protect the blood brain barrier through matrix metallopeptidase 9 (MMP-9) inhibition and anti-inflammation.

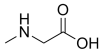
Purity: 99.72%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg, 25 mg



Sarcosine (Methylglycine; N-Methylaminoacetic acid; Sarcosin; Sarcosinic acid)
Cat. No.: HY-101037

Bioactivity: Sarcosine is a glycine transporter type 1 (**GlyT**) inhibitor and an N-methyl-D-aspartate (**NMDA**) receptor co-agonist at the glycine binding site.

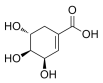
Purity: 97.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 100 mg



Shikimic acid
Cat. No.: HY-N0130

Bioactivity: Shikimic acid is a key metabolic intermediate of the aromatic amino acid biosynthesis pathway, found in microbes and plants.

Purity: 99.14%
Clinical Data: No Development Reported
Size: 10mM x 1mL in Water, 100 mg



Stearic acid
Cat. No.: HY-B2219

Bioactivity: Stearic acid is a long chain dietary saturated fatty acid which exists in many animal and vegetable fats and oils.

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 1 g

Succinic acid
(Wormwood acid) Cat. No.: HY-N0420

Bioactivity: Succinic acid is an intermediate product of the tricarboxylic acid cycle, as well as one of fermentation products of anaerobic metabolism.

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 100 mg

Taurine
(2-Aminoethanesulfonic acid) Cat. No.: HY-B0351

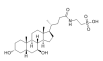
Bioactivity: Taurine is an organic acid widely distributed in animal tissues. Target: Others Taurine is a major constituent of bile and can be found in the large intestine and accounts for approximately 0.1% of total human body weight [1]. Taurine is present in high concentration in algae and in the animals...

Purity: 98.0%
Clinical Data: Phase 4
Size: 10mM x 1mL in Water, 1 g, 5 g

Tauroursodeoxycholate
(TUDCA; UR 906; Taurolite) Cat. No.: HY-19696

Bioactivity: Tauroursodeoxycholate (TUDCA; UR 906; Taurolite) is an endoplasmic reticulum (ER) stress inhibitor. Tauroursodeoxycholate significantly reduces expression of apoptosis molecules, such as **caspase-3** and **caspase-12**. Tauroursodeoxycholate also inhibits **ERK**.

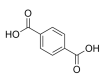
Purity: >98%
Clinical Data: No Development Reported
Size: 50 mg



Terephthalic acid
Cat. No.: HY-W010098

Bioactivity: Terephthalic acid is one isomer of the three phthalic, a precursor to the polyester PET, used to make clothing and plastic bottles.

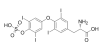
Purity: 99.11%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 g



Thyroxine sulfate
(T4 Sulfate) Cat. No.: HY-101406

Bioactivity: Thyroxine sulfate is a thyroid hormone metabolite.

Purity: 98.0%
Clinical Data: No Development Reported
Size: 5 mg, 10 mg

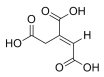


trans-Aconitic acid

Cat. No.: HY-W016813

Bioactivity: trans-Aconitic acid is present in normal human urine, and it has been suggested that is present in larger amounts with Reye's syndrome and organic aciduria. trans-Aconitic acid is a substrate of enzyme trans-aconitate 2-methyltransferase.

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 g

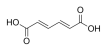


trans-trans-Muconic acid

Cat. No.: HY-113247

Bioactivity: trans-trans-Muconic acid is a urinary metabolite of benzene and has been used as a biomarker of exposure to benzene in human.

Purity: 97.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 100 mg



trans-Vaccenic acid

Cat. No.: HY-113427

Bioactivity: trans-Vaccenic acid is a precursor for the synthesis of saturated fatty acid in the rumen and of conjugated linoleic acid (CLA) at the tissue level.

Purity: >98%
Clinical Data: No Development Reported
Size: 25 mg

Tricosanoic acid

Cat. No.: HY-W009081

Bioactivity: Tricosanoic acid is a long-chain fatty acid and shown to be a hair growth stimulant.

Purity: >98%
Clinical Data: No Development Reported
Size: 50 mg

Undecanedioic acid

Cat. No.: HY-W014125

Bioactivity: Undecanedioic acid is associated with intercellular matrix macromolecules and specifically with elastin.

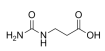
Purity: 97.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 1 g

Ureidopropionic acid

Cat. No.: HY-113285

Bioactivity: Ureidopropionic acid is an intermediate in the metabolism of uracil.

Purity: 97.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 100 mg

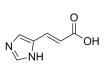


Urocanic acid

Cat. No.: HY-113008

Bioactivity: Urocanic acid, produced in the upper layers of mammalian skin, is a major absorber of ultraviolet radiation (UVR).

Purity: 97.0%
Clinical Data:
Size: 1 g



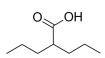
Valproic acid

(VPA; 2-Propylpentanoic Acid)

Cat. No.: HY-10585

Bioactivity: Valproic acid is an **HDAC** inhibitor, with IC_{50} in the range of 0.5 and 2 mM, also inhibits **HDAC1** (IC_{50}, 400 μM), and induces proteasomal degradation of **HDAC2**; Valproic acid sodium salt is used in the treatment of epilepsy, bipo...

Purity: 98.67%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 1 g, 5 g, 25 g



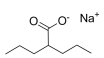
Valproic acid sodium salt

(Sodium Valproate)

Cat. No.: HY-10585A

Bioactivity: Valproic acid sodium salt is an anticonvulsants used to treat epilepsy, bipolar disorder and migraines. Valproic acid inhibits **histone deacetylase 1 (HDAC1)** with an IC_{50} of 0.4 mM.

Purity: 98.0%
Clinical Data: Launched
Size: 10mM x 1mL in Water, 1 g, 5 g, 25 g

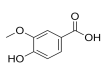


Vanillic acid

Cat. No.: HY-N0708

Bioactivity: Vanillic acid is a flavoring agent found in edible plants and fruits. Vanillic acid inhibits **NF-κB** activation. Anti-inflammatory, antibacterial, and chemopreventive effects [1].

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 100 mg



Vanillin (m-Methoxy-p-hydroxybenzaldehyde; p-Hydroxy-m-methoxybenzaldehyde; p-Vanillin)

Cat. No.: HY-N0098

Bioactivity: Vanillin is a single molecule extracted from vanilla beans and also a popular odor used widely in perfume, food and medicine.

Purity: 99.95%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 200 mg, 5 g

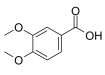
Veratric acid

(3,4-Dimethoxybenzoic acid)

Cat. No.: HY-N2007

Bioactivity: Veratric acid (3,4-Dimethoxybenzoic acid) is an orally active phenolic compound derived from vegetables and fruits, has antioxidant [1] and anti-inflammatory activities [3]. Veratric acid also acts as a protective agent agai...

Purity: 99.99%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 100 mg

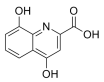


Xanthurenic acid

Cat. No.: HY-W014666

Bioactivity: Xanthurenic acid is a putative endogenous **Group II metabotropic glutamate receptor** agonist, on sensory transmission in the thalamus.

Purity: >98%
Clinical Data: No Development Reported
Size: 100 mg



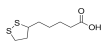
α-Lipoic Acid

((±)-α-Lipoic acid; DL-α-Lipoic acid; Thioctic acid)

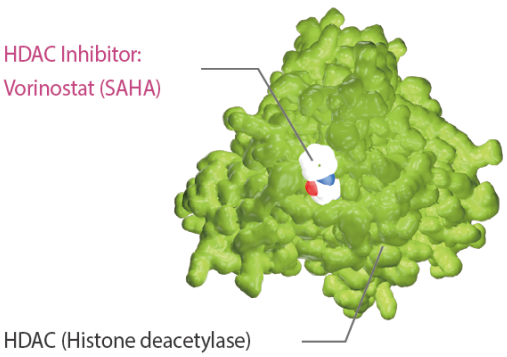
Cat. No.: HY-N0492

Bioactivity: α-Lipoic Acid is an antioxidant, which is an essential cofactor of **mitochondrial** enzyme complexes. α-Lipoic Acid inhibits **NF-κB**-dependent **HIV-1** LTR activation.

Purity: 98.03%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 500 mg



Others

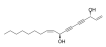


(+)-(3R,8S)-Falcarindiol

((3R,8S)-Falcarindiol; 3(R),8(S),9(Z)-Falcarindiol) Cat. No.: HY-N1976

Bioactivity: (+)-(3R,8S)-Falcarindiol is a polyacetylene found in carrots, has **antimycobacterial** activity, with an IC_{50} of 6 μM and MIC of 24 μM against Mycobacterium tuberculosis H37Ra [1] [2]. Antineoplastic and anti-inflammatory activity [2].

Purity: >98%
Clinical Data: No Development Reported
Size: 5 mg

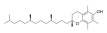


(+)-α-Tocopherol

(D-α-Tocopherol; α-Vitamin E) Cat. No.: HY-N0683

Bioactivity: (+)-α-Tocopherol is a vitamin E derivative. vitamin E is a fat-soluble antioxidant.

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 100 mg, 1 g

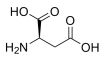


(-)-Aspartic acid

((R)-Aspartic acid; D-(-)-Aspartic acid) Cat. No.: HY-42068

Bioactivity: (-)-Aspartic acid is an endogenous **NMDA** receptor agonist.

Purity: 97.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in Water, 5 g

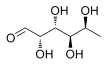


(-)-Fucose

(6-Desoxygalactose; L-(-)-Fucose; L-Galactomethylose) Cat. No.: HY-N1480

Bioactivity: (-)-Fucose is classified as a member of the hexoses, plays a role in A and B blood group antigen substructure determination, selectin-mediated leukocyte-endothelial adhesion, and host-microbe interactions.

Purity: 97.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 100 mg

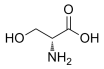


(R)-Serine

Cat. No.: HY-100808

Bioactivity: (R)-Serine is a non-essential amino acid involved in the biosynthesis of amino acids.

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in Water, 1 g, 5 g



(S)-Glutamic acid

((+)-L-Glutamic acid) Cat. No.: HY-14608

Bioactivity: (S)-Glutamic acid acts as an excitatory transmitter and an agonist at all subtypes of glutamate receptors (metabotropic, kainate, NMDA, and AMPA). (S)-Glutamic acid shows a direct activating effect on the release of **DA** from dopaminergic terminals.

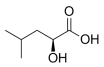
Purity: 97.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 100 mg, 500 mg

(S)-Leucic acid

Cat. No.: HY-30215

Bioactivity: (S)-Leucic acid is an amino acid metabolite.

Purity: 97.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 1 g

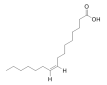


(Z)-Hexadec-9-enoic acid

Cat. No.: HY-W011873

Bioactivity: (Z)-Hexadec-9-enoic acid, a composition of fatty acid, is implicated in the prevention of death from cerebrovascular disorders in SHRSP rats.

Purity: >98%
Clinical Data: No Development Reported
Size: 100 mg

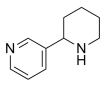


(±) Anabasine

Cat. No.: HY-W052144

Bioactivity: (±) Anabasine is a biphasic muscle relaxant.

Purity: 97.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 50 mg

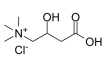


(±)-Carnitine chloride

(DL-Carnitine chloride) Cat. No.: HY-B1453

Bioactivity: (±)-Carnitine chloride exists in two isomers, known as D and L. L-carnitine plays an essential role in the β-oxidation of fatty acids and also shows antioxidant, and anti-inflammatory activities.

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in Water, 5 g



1,3-Diaminopropane

Cat. No.: HY-42210

Bioactivity: 1,3-Diaminopropane, a three carbon diamine, is an ornithine decarboxylase inhibitor.

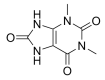
Purity: >98%
Clinical Data: No Development Reported
Size: 100 mg

1,3-Dimethyluric acid

Cat. No.: HY-W014993

Bioactivity: 1,3-Dimethyluric acid is a product of theophylline metabolism in man. 1,3-Dimethyluric acid is one of the purine components in urinary calculi.

Purity: 97.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 50 mg

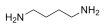


1,4-Butanediamine (1,4-Diaminobutane; 1,4-Tetramethylenediamine; NSC 60545; Putramine; ...)

Cat. No.: HY-N2407

Bioactivity: 1,4-Butanediamine is an indicator of pollution-induced stress in higher plants: barley and rape stressed with Cr(III) or Cr(VI). 1,4-Butanediamine is an important source of GABA.

Purity: >98%
Clinical Data:
Size: 50 mg

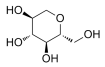


1,5-Anhydrosorbitol

Cat. No.: HY-113075

Bioactivity: 1,5-Anhydrosorbitol is a short-term marker for glycemic control.

Purity: >98%
Clinical Data: No Development Reported
Size: 10 mg

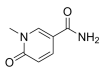


1-Methyl-6-oxo-1,6-dihydropyridine-3-carboxamide

Cat. No.: HY-113432

Bioactivity: 1-Methyl-6-oxo-1,6-dihydropyridine-3-carboxamide is one of the end products of nicotinamide-adenine dinucleotide (NAD) degradation.

Purity: >98%
Clinical Data: No Development Reported
Size: 5 mg

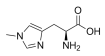


1-Methyl-L-histidine

Cat. No.: HY-W017006

Bioactivity: 1-Methyl-L-histidine is an objective indicator of meat ingestion and exogenous 3-methylhistidine (3MH) intake.

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 10 mg, 25 mg

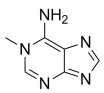


1-Methyladenine

Cat. No.: HY-113306

Bioactivity: 1-Methyladenine is a product of alkylation damage in DNA which can be repaired by damage reversal by oxidative demethylation.

Purity: >98%
Clinical Data: No Development Reported
Size: 5 mg

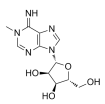


1-Methyladenosine

Cat. No.: HY-113081

Bioactivity: 1-Methyladenosine is an RNA modification originating essentially from two different reaction types, one catalyzed by enzymes and the other the result of the reaction of RNA with certain alkylating agents.

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 50 mg

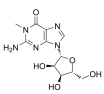


1-Methylguanosine

Cat. No.: HY-113136

Bioactivity: 1-Methylguanosine is a methylated nucleoside.

Purity: 98.39%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg

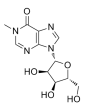


1-Methylinosine (N1-Methylinosine)

Cat. No.: HY-113139

Bioactivity: 1-Methylinosine is a modified nucleotide found at position 37 in tRNA 3' to the anticodon of eukaryotic tRNA [1].

Purity: 99.96%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 10 mg, 50 mg

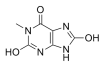


1-Methyluric acid

Cat. No.: HY-W010031

Bioactivity: 1-Methyluric acid acts on the urinary bladder mucosa and increases the blood glucose, insulin, triglyceride, and cholesterol levels.

Purity: >98%
Clinical Data: No Development Reported
Size: 10 mg



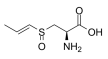
1-PeCSO

(S-1-Propenyl-L-cysteine sulfoxide)

Cat. No.: HY-111825

Bioactivity: 1-PeCSO is isolated from onion or garlic bulbs, acts as a key compound in garlic greening, and reacts with lachrymatory factor synthase [1].

Purity: >98%
Clinical Data: No Development Reported
Size: 250 mg, 500 mg



1-Arachidoyl-sn-glycero-3-phosphocholine

Cat. No.: HY-113010

Bioactivity: 1-Arachidoyl-sn-glycero-3-phosphocholine is a lysophospholipid (LyP).

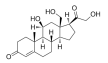
Purity: >98%
Clinical Data:
Size: 10 mg

18-Hydroxycorticosterone

Cat. No.: HY-W013179

Bioactivity: 18-Hydroxycorticosterone is a corticosteroid and a derivative of corticosterone, which can lead to serious electrolyte imbalances.

Purity: >98%
Clinical Data: No Development Reported
Size: 1 mg

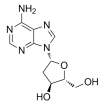


2'-Deoxyadenosine

Cat. No.: HY-W040329

Bioactivity: 2'-Deoxyadenosine is a nucleoside adenosine derivative, pairing with deoxythymidine (T) in double-stranded DNA.

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 250 mg



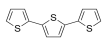
2,2':5',2''-Terthiophene

(α-Terthiophene; α-Terthienyl; Trithiophene)

Cat. No.: HY-N2048

Bioactivity: 2,2':5',2''-Terthiophene (α-Terthiophene) is an oligomer of the heterocycle thiophene. 2,2':5',2''-Terthiophene has been employed as building block for the organic semi-conductor polythiophene.

Purity: 99.59%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 100 mg

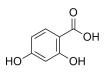


2,4-Dihydroxybenzoic acid

Cat. No.: HY-W012575

Bioactivity: 2,4-Dihydroxybenzoic acid is a degradation product of cyaniding glycoside from tart cheeries in cell culture.

Purity: 99.53%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 1 g

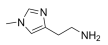


2-(1-Methyl-1H-imidazol-4-yl)ethan-1-amine

Cat. No.: HY-W062542

Bioactivity: 2-(1-Methyl-1H-imidazol-4-yl)ethan-1-amine is a histamine (Him) metabolite.

Purity: >98%
Clinical Data:
Size: 10 mg

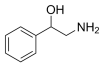


2-Amino-1-phenylethanol

Cat. No.: HY-59132

Bioactivity: 2-Amino-1-phenylethanol is an analogue of noradrenaline.

Purity: 95.69%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 1 g

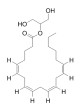


2-Arachidonoylglycerol

Cat. No.: HY-W011051

Bioactivity: 2-Arachidonoylglycerol is a second endogenous cannabinoid ligand in the central nervous system.

Purity: 97.0%
Clinical Data: No Development Reported
Size: 1 mg

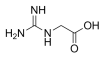


2-Guanidinoacetic acid

Cat. No.: HY-W021448

Bioactivity: 2-Guanidinoacetic acid, a precursor of creatine, is a replacement of dietary arginine and could support overall energy homeostasis of the bird.

Purity: 97.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 g

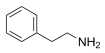


2-Phenylethanamine

Cat. No.: HY-W010483

Bioactivity: 2-Phenylethanamine is believed to function as a neuromodulator or neurotransmitter.

Purity: >98%
Clinical Data: No Development Reported
Size: 1 g

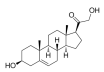


21-Hydroxypregnenolone

Cat. No.: HY-113020

Bioactivity: 21-Hydroxypregnenolone is an essential intermediate in corticosterone synthesis.

Purity: >98%
Clinical Data: No Development Reported
Size: 50 mg



24, 25-Dihydroxy VD3

Cat. No.: HY-76915

Bioactivity: 24, 25-Dihydroxy VD3 is a compound which is closely related to 1,25-dihydroxyvitamin D3, the active form of vitamin D3, but like vitamin D3 itself and 25-hydroxyvitamin D3 is inactive as a hormone both in vitro and in vivo.

Purity: 98.20%
Clinical Data: No Development Reported
Size: 1 mg, 5 mg

25,26-Dihydroxyvitamin D3

(25,26-Dihydroxycholecalciferol)

Cat. No.: HY-15830

Bioactivity: 25,26-Dihydroxyvitamin D3(25,26-dihydroxycholecalciferol) is a metabolite of vitamin D3 with intestinal calcium transport activity. IC50 value: Target: VD metabolite The biological activity of synthetic 24,25 and 25,26 diOHD3 was studied in vitamin D-deficient rats. The purpose of this study was to...

Purity: >98%
Clinical Data: No Development Reported
Size: 1 mg, 5 mg, 10 mg

27-Hydroxycholesterol

Cat. No.: HY-N2371

Bioactivity: 27-Hydroxycholesterol is a selective **estrogen receptor** modulator and an agonist of the **liver X receptor**.

Purity: 99.38%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 1 mg, 5 mg

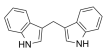
3,3'-Diindolylmethane

(DIM; Arundine; HB 236)

Cat. No.: HY-15758

Bioactivity: 3,3'-Diindolylmethane is a strong, pure **androgen receptor** (AR) antagonist.

Purity: 98.74%
Clinical Data: Phase 4
Size: 10mM x 1mL in DMSO, 100 mg, 200 mg, 500 mg

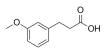


3-(3-Methoxyphenyl)propionic acid

Cat. No.: HY-W016482

Bioactivity: 3-(3-Methoxyphenyl)propionic acid is an organic acid, naturally occurring human metabolite and excreted in human urine.

Purity: >98%
Clinical Data: No Development Reported
Size: 100 mg

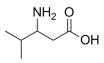


3-Amino-4-methylpentanoic acid

Cat. No.: HY-W012708

Bioactivity: 3-Amino-4-methylpentanoic acid is a beta amino acid and positional isomer of L-leucine which is naturally produced in humans via the metabolism of L-leucine by the enzyme leucine 2,3-aminomutase.

Purity: 97.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 100 mg

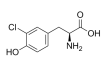


3-Chloro-L-tyrosine

Cat. No.: HY-W041171

Bioactivity: 3-Chloro-L-tyrosine is a specific marker of myeloperoxidase-catalyzed oxidation, and is markedly elevated in low density lipoprotein isolated from human atherosclerotic intima.

Purity: 97.0%
Clinical Data:
Size: 10mM x 1mL in DMSO, 250 mg

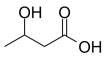


3-Hydroxybutyric acid

Cat. No.: HY-113378

Bioactivity: 3-Hydroxybutyric acid is a butyric acid substituted with a hydroxyl group in the beta or 3 position.

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 100 mg



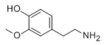
3-Methoxytyramine

(3-O-methyl Dopamine)

Cat. No.: HY-103638A

Bioactivity: 3-Methoxytyramine, a well known extracellular metabolite of 3-hydroxytyramine/dopamine, is a neuromodulator.

Purity: 97.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 100 mg, 250 mg, 500 mg

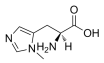


3-Methyl-L-histidine

Cat. No.: HY-W017007

Bioactivity: 3-Methyl-L-histidine is a biomarker for meat consumption, especially chicken. It is also a biomarker for the consumption of soy products.

Purity: 99.85%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 100 mg

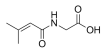


3-Methylcrotonylglycine

Cat. No.: HY-113232

Bioactivity: 3-Methylcrotonylglycine is an acyl glycine, a normal amino acid metabolite found in urine.

Purity: >98%
Clinical Data:
Size: 10 mg

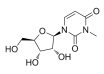


3-Methyluridine

Cat. No.: HY-113138

Bioactivity: 3-Methyluridine is a modified nucleoside of cellular RNA.

Purity: 99.53%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg

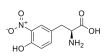


3-Nitro-L-tyrosine

Cat. No.: HY-113248

Bioactivity: 3-Nitro-L-tyrosine is a biomarker of nitrogen free radical species modified proteins in systemic autoimmunogenic conditions.

Purity: >98%
Clinical Data: No Development Reported
Size: 100 mg

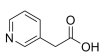


3-Pyridineacetic acid

Cat. No.: HY-W015806

Bioactivity: 3-Pyridineacetic acid is a higher homologue of nicotinic acid, a breakdown product of nicotine (and other tobacco alkaloids).

Purity: >98%
Clinical Data: No Development Reported
Size: 100 mg

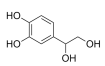


4-(1,2-Dihydroxyethyl)benzene-1,2-diol

Cat. No.: HY-W010066

Bioactivity: 4-(1,2-Dihydroxyethyl)benzene-1,2-diol, a normal norepinephrine metabolite, is found to be associated with Menkes syndrome.

Purity: >98%
Clinical Data: No Development Reported
Size: 10 mg



4-Acetamidobutanoic acid

(N-acetyl GABA)

Cat. No.: HY-101411

Bioactivity: 4-Acetamidobutanoic acid (N-acetyl GABA) is a γ-aminobutyric acid (**GABA**) derivative.

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in Water, 200 mg

4-Aminohippuric acid

(p-Aminohippuric acid)

Cat. No.: HY-B1306

Bioactivity: 4-Aminohippuric acid is a diagnostic agent, useful in medical tests involving the kidney, used in the measurement of renal plasma flow.

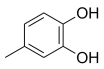
Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 100 mg

4-Methylcatechol

Cat. No.: HY-W012814

Bioactivity: 4-Methylcatechol, a metabolite of p-toluate, is a substrate as well as a suicide inhibitor of **Catechol 2,3-Dioxygenase**.

Purity: 97.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 g

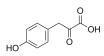


4-Hydroxyphenylpyruvic acid

Cat. No.: HY-W010040

Bioactivity: 4-Hydroxyphenylpyruvic acid is an intermediate in the metabolism of the amino acid phenylalanine.

Purity: >98%
Clinical Data: No Development Reported
Size: 100 mg

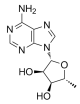


5'-Deoxyadenosine

Cat. No.: HY-113291

Bioactivity: 5'-Deoxyadenosine is an oxidized nucleoside found in the urine of normal subjects.

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg

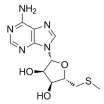


5'-Methylthioadenosine (5'-(Methylthio)-5'-deoxyadenosine; 5'-Deoxy-5'-(methylthio)adenosine; ...)

Cat. No.: HY-16938

Bioactivity: 5'-Methylthioadenosine is produced from S-adenosylmethionine and behaves as a powful inhibitory product.

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 25 mg

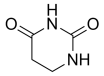


5,6-Dihydrouracil

Cat. No.: HY-W012926

Bioactivity: 5,6-Dihydrouracil is an intermediate breakdown product of uracil.

Purity: >98%
Clinical Data: No Development Reported
Size: 100 mg

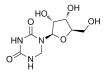


5,6-Dihydrouridine

Cat. No.: HY-113047

Bioactivity: 5,6-Dihydrouridine is a modified base found in conserved positions in the D-loop of tRNA in Bacteria, Eukaryota, and some Archaea.

Purity: 99.87%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg



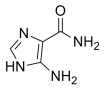
5-Amino-3H-imidazole-4-Carboxamide

(5-Aminoimidazole-4-carboxamide; AICA)

Cat. No.: HY-41461

Bioactivity: 5-Amino-3H-imidazole-4-Carboxamide (AICA) is an important precursor for the synthesis of purines in general and of the nucleobases adenine and guanine in particular.

Purity: 99.97%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 1 g



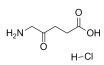
5-Aminolevulinic acid hydrochloride

(ALA; 5-ALA)

Cat. No.: HY-N0305

Bioactivity: 5-Aminolevulinic acid HCl is an intermediate in heme biosynthesis in the body and the universal precursor of tetrapyrroles. Target: Others 5-Aminolevulinic acid is a non-fluorescent prodrug that leads to intracellular accumulation of fluorescent porphyrins in malignant gliomas-a...

Purity: 98.0%
Clinical Data: Phase 4
Size: 10mM x 1mL in DMSO, 100 mg, 1 g, 5 g, 10 g

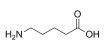


5-Aminovaleric acid

Cat. No.: HY-W015878

Bioactivity: 5-Aminovaleric acid is believed to act as a methylene homologue of gamma-aminobutyric acid (GABA) and functions as a weak **GABA** agonist.

Purity: >98%
Clinical Data: No Development Reported
Size: 100 mg

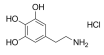


5-Hydroxydopamine hydrochloride

Cat. No.: HY-113523

Bioactivity: 5-Hydroxydopamine is a naturally occurring amine in human urine.

Purity: >98%
Clinical Data: No Development Reported
Size: 50 mg

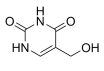


5-Hydroxymethyluracil

Cat. No.: HY-W004924

Bioactivity: 5-Hydroxymethyluracil is a product of oxidative DNA damage. 5-Hydroxymethyluracil can be used as a potential epigenetic mark enhancing or inhibiting transcription with bacterial RNA polymerase.

Purity: 99.60%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 1 g

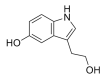


5-Hydroxytryptophol

Cat. No.: HY-W041019

Bioactivity: 5-Hydroxytryptophol is a mammalian serotonin metabolite, acting as a marker of acute alcohol consumption.

Purity: >98%
Clinical Data:
Size: 10mM x 1mL in DMSO, 10 mg, 50 mg

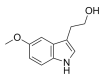


5-Methoxytryptophol

Cat. No.: HY-113440

Bioactivity: 5-Methoxytryptophol is a natural indole present in the pineal gland.

Purity: >98%
Clinical Data: No Development Reported
Size: 50 mg

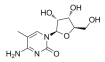


5-Methylcytidine

Cat. No.: HY-113135

Bioactivity: 5-Methylcytidine is a pyrimidine nucleoside detected in multiple biofluids.

Purity: 97.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 50 mg

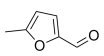


5-Methylfurfural

Cat. No.: HY-Y0543

Bioactivity: 5-Methylfurfural is a naturally occurring substance, found in cigarette smoke condensate, licorice essential oil, stored dehydrated orange powder, baked potato flour, volatile compounds of roast beef, aroma concentrate of sponge cake. bread and in coffee, tea and cocoa [1]. A flavoring agent.

Purity: 97.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 100 mg

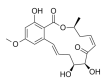


5Z-7-Oxozeaenol

(FR148083; L783279; LL-Z 1640-2) Cat. No.: HY-12686

Bioactivity: 5Z-7-Oxozeaenol is a natural anti-protozoan compound from fungal origin, acting as a potent irreversible and selective inhibitor of **TAK1** and **VEGF-R2**, with IC_{50}s of 8 nM and 52 nM, respectively.

Purity: 99.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 1 mg, 5 mg

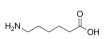


6-Aminocaproic acid

(EACA; Epsilon-Amino-n-caproic Acid; 6-Aminohexanoic acid) Cat. No.: HY-B0236

Bioactivity: 6-Aminocaproic acid is an antifibrinolytic agent that acts by inhibiting plasminogen activators which have fibrinolytic properties. Target: Others 6-aminohexanoic acid is a derivative and analogue of the amino acid lysine, which makes it an effective inhibitor for enzymes that bind that...

Purity: 98.0%
Clinical Data: Launched
Size: 10mM x 1mL in Water, 50 mg, 100 mg

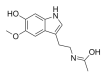


6-Hydroxymelatonin

Cat. No.: HY-W011956

Bioactivity: 6-Hydroxymelatonin is a primary metabolic of **Melatonin**, which is metabolized by cytochrome P450 (CYP) 1A2.

Purity: >98%
Clinical Data: No Development Reported
Size: 5 mg

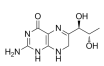


7,8-Dihydro-L-biopterin

Cat. No.: HY-W008646

Bioactivity: 7,8-Dihydro-L-biopterin is an oxidation product of tetrahydrobiopterin.

Purity: 98.29%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg

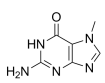


7-Methylguanine

Cat. No.: HY-113352

Bioactivity: 7-Methylguanine is a metabolite of DNA methylation. It can be generated by methylating agents, and used as a probe of protein–DNA interactions and a key component of DNA sequencing method.

Purity: >98%
Clinical Data: No Development Reported
Size: 5 mg

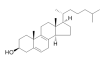


8-Dehydrocholesterol

Cat. No.: HY-113435

Bioactivity: 8-Dehydrocholesterol elevated concentration is one of the diagnostic biochemical hallmarks of classical Smith-Lemli-Opitz syndrome (SLOS).

Purity: >98%
Clinical Data: No Development Reported
Size: 1 mg, 5 mg

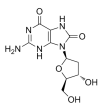


8-Hydroxy-2'-deoxyguanosine

Cat. No.: HY-W011540

Bioactivity: 8-Hydroxy-2'-deoxyguanosine is a critical biomarker of oxidative stress and carcinogenesis.

Purity: 95.62%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 1 mg, 5 mg, 10 mg, 25 mg, 50 mg

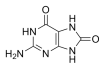


8-Hydroxyguanine

Cat. No.: HY-113338

Bioactivity: 8-Hydroxyguanine is a major pre-mutagenic lesion generated from reactive oxygen species. It causes G-T and A-C substitutions.

Purity: >98%
Clinical Data: No Development Reported
Size: 5 mg

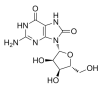


8-Hydroxyguanosine

Cat. No.: HY-113262

Bioactivity: 8-Hydroxyguanosine is a systematic marker of oxidative stress and a marker of hydroxyl radical damage to RNA.

Purity: >98%
Clinical Data: No Development Reported
Size: 1 mg, 5 mg

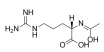


Ac-Arg-OH

Cat. No.: HY-W014130

Bioactivity: Ac-Arg-OH is one of the guanidino compounds found elevated in the serum of an hemodialyzed renal insufficient (uremic) pediatric population.

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 100 mg



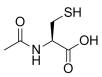
Acetylcysteine

(N-Acetyl-L-cysteine; LNAC; NAC)

Cat. No.: HY-B0215

Bioactivity: Acetylcysteine is a mucolytic agent which reduces the thickness of the mucus. Acetylcysteine is a **ROS** inhibitor [1].

Purity: 98.0%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 5 g, 10 g



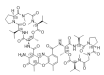
Actinomycin D

(Dactinomycin; Actinomycin IV)

Cat. No.: HY-17559

Bioactivity: Actinomycin D inhibits **DNA repair** with an IC_{50} of 0.42 μM.

Purity: 99.89%
Clinical Data: Launched
Size: 5 mg, 10 mg, 50 mg

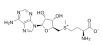


Ademetionine (S-Adenosyl-L-methionine; S-Adenosyl methionine; SAMe; AdoMet)

Cat. No.: HY-B0617

Bioactivity: Ademetionine is an intermediate metabolite of methionine. Its involvement in methylation assists in cellular growth and repair, maintains the phospho-bilipid layer in cell membranes. It also helps in the maintenance of the action of several hormones and neurotransmitters that affect mood.

Purity: 98.0%
Clinical Data: Launched
Size: 10mM x 1mL in Water, 50 mg, 100 mg, 500 mg



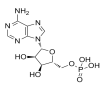
Adenosine monophosphate

(AMP)

Cat. No.: HY-A0181

Bioactivity: Adenosine monophosphate is a key cellular metabolite regulating energy homeostasis and signal transduction.

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 1 g



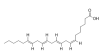
Adrenic Acid

(cis-7,10,13,16-Docosatetraenoic acid)

Cat. No.: HY-W013215

Bioactivity: Adrenic Acid is an inflammation enhancer in non-alcoholic fatty liver disease.

Purity: >98%
Clinical Data: No Development Reported
Size: 10 mg

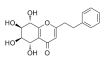


Agarotetrol

Cat. No.: HY-N1468

Bioactivity: Agarotetrol is a chromone derivative isolated from Agarwood.

Purity: 99.86%
Clinical Data: No Development Reported
Size: 5 mg, 10 mg, 25 mg, 50 mg



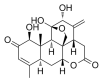
Ailanthone

(Δ13-Dehydrochaparrinone)

Cat. No.: HY-N1943

Bioactivity: Ailanthone (Δ13-Dehydrochaparrinone) is a potent inhibitor of both full-length **androgen receptor (AR)** (IC_{50}=69nM) and constitutively active truncated AR splice variants (AR $_{1-651}$ IC_{50}=309nM).

Purity: 99.71%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg



all-trans-4-Oxoretinoic acid

(all-trans 4-Keto Retinoic Acid)

Cat. No.: HY-107494A

Bioactivity: all-trans-4-Oxoretinoic acid, an active metabolite of vitamin A, induces gene transcription via binding to nuclear retinoic acid receptors (RARs).

Purity: 94.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 2 mg, 5 mg, 10 mg

Allantoin

(5-Ureidohydantoin)

Cat. No.: HY-N0543

Bioactivity: Allantoin is a skin conditioning agent that promotes healthy skin, stimulates new and healthy tissue growth.

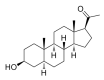
Purity: 98.36%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 100 mg

Alloepipregnanolone

Cat. No.: HY-113307

Bioactivity: Alloepipregnanolone, a pregnane with anesthetic, hypnotic, and sedative properties, interferes with the development of rapid tolerance to the anxiolytic effect of ethanol.

Purity: >98%
Clinical Data: No Development Reported
Size: 100 mg



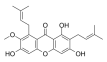
alpha-Mangostin

(α-Mangostin)

Cat. No.: HY-N0328

Bioactivity: Alpha-mangostin is a dietary xanthone with broad biological activities, such as antioxidant, anti-allergic, antiviral, antibacterial, anti-inflammatory and anticancer effects. It is an inhibitor of mutant IDH1 (**IDH1-R132H**) with a K_i of 2.85 ...

Purity: 98.59%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 10 mg, 25 mg, 50 mg, 100 mg

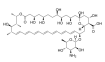


Amphotericin B

Cat. No.: HY-B0221

Bioactivity: Amphotericin B is a polyene antifungal agent against a wide variety of **fungal** pathogens. It binds irreversibly to ergosterol, resulting in disruption of membrane integrity and ultimately cell death.

Purity: 98.00%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 100 mg, 500 mg, 1 g



Amylase

Cat. No.: HY-B2192

Bioactivity: Amylase is an enzyme produced by pancreas and salivary glands, catalyzing the hydrolysis of starch into sugars.

Purity:
Clinical Data: No Development Reported
Size: 100 mg, 1 g

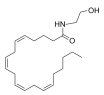
Amylase

Anandamide

Cat. No.: HY-10863

Bioactivity: Anandamide is an immune modulator in the central nervous system acts via not only **cannabinoid receptors** (**CB1** and **CB2**) but also other targets (e.g., **GPR18**/ **GPR55**).

Purity: 99.0%
Clinical Data: No Development Reported
Size: 5 mg, 10 mg



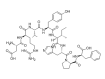
Angiotensin II human

(Angiotensin II; Hypertensin II; Ang II; DRVYIHPF)

Cat. No.: HY-13948

Bioactivity: Angiotensin II human is a vasoconstrictor that acts on the **AT1** and the **AT2** receptor.

Purity: 99.96%
Clinical Data: No Development Reported
Size: 10 mg, 50 mg



Angiotensin III

Cat. No.: HY-113035

Bioactivity: Angiotensin III is an **angiotensin 1 (AT1)** and **AT2** receptor agonist.

Purity: >98%
Clinical Data: No Development Reported
Size: 5 mg

Angiotensin III

Angiotensin III TFA

Cat. No.: HY-113035A

Bioactivity: Angiotensin III (TFA) is an **angiotensin 1 (AT1)** and **AT2** receptor agonist.

Purity: >98%
Clinical Data: No Development Reported
Size: 10mM x 1mL in Water,
5 mg, 10 mg, 25 mg

Angiotensin III (TFA)

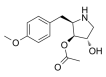
Anisomycin

(Flagecidin; Wuningmeisu C)

Cat. No.: HY-18982

Bioactivity: Anisomycin is a potent **protein synthesis** inhibitor which interferes with protein and **DNA synthesis** by inhibiting peptidyl transferase or the 80S ribosome system. Anisomycin is a JNK activator, which increases phospho-JNK.

Purity: 98.20%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO,
10 mg, 50 mg, 100 mg



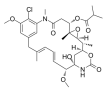
Ansamitocin P-3

(Antibiotic C 15003P3; Maytansinol isobutyrate)

Cat. No.: HY-15739

Bioactivity: Ansamitocin P-3 is a **microtubule** inhibitor. Ansamitocin P-3 is a macrocyclic antitumor antibiotic.

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO,
5 mg, 10 mg, 50 mg, 100 mg

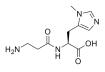


Anserine

Cat. No.: HY-113354

Bioactivity: Anserine is a dipeptide found in skeletal muscle of vertebrates.

Purity: 97.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO,
10 mg

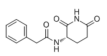


Antineoplaston A10

Cat. No.: HY-128553

Bioactivity: Antineoplaston A10, a naturally occurring substance in human body, is a **Ras** inhibitor potentially for the treatment of glioma, lymphoma, astrocytoma and breast cancer [1].

Purity: >98%
Clinical Data: No Development Reported
Size: 5 mg, 10 mg, 50 mg, 100 mg



Apamin (Apamin (reduced), cyclic (1→11),(3→15)-bis(disulfide); Apamine)

Cat. No.: HY-P0256

Bioactivity: Apamin, an 18 amino acid peptide neurotoxin found in apitoxin (bee venom), is known to block Ca^{2+}-activated **K^+ channel**s and prevent carbon tetrachloride-induced liver fibrosis.

Purity: >98%
Clinical Data: No Development Reported
Size: 500u g, 1 mg

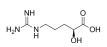
CNCKAPETALCARRCQQH-NH_2

Argininic acid

Cat. No.: HY-113079

Bioactivity: Argininic acid is an α-amino acid that is used in the biosynthesis of proteins.

Purity: >98%
Clinical Data: No Development Reported
Size: 5 mg



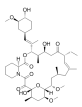
Ascomycin

(Immunomycin; FR-900520; FK520)

Cat. No.: HY-13557

Bioactivity: Ascomycin(Immunomycin, FR-900520, FK520) is an ethyl analog of tacrolimus (FK506) with strong immunosuppressant properties. IC50 Value: 0.55 nM [1] Target: in vitro: When we used either CD4+CD8+ thymocytes or peripheral T cells activated by phorbol ester and ionomycin, the cell surface induction of CD5 was...

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO,
10 mg, 50 mg, 100 mg

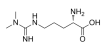


Asymmetric dimethylarginine

Cat. No.: HY-113216

Bioactivity: Asymmetric dimethylarginine is an endogenous inhibitor of **nitric oxide synthase (NOS)**, and functions as a marker of endothelial dysfunction in a number of pathological states.

Purity: 98.0%
Clinical Data:
Size: 10mM x 1mL in Water,
5 mg, 10 mg, 25 mg



ATP

(Adenosine 5'-triphosphate) Cat. No.: HY-B2176

Bioactivity: ATP is a central component of energy storage and metabolism in vivo, provides the metabolic energy to drive metabolic pumps and serves as a coenzyme in cells.

Purity: 99.18%
Clinical Data: No Development Reported
Size: 10mM x 1mL in Water, 100 mg, 500 mg

Atractylodin

(Atractydin) Cat. No.: HY-N0238

Bioactivity: Atractylodin is an active component of the essential oil contained in the rhizomes of Atractylodes lancea and A.

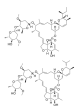
Purity: 99.83%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg

Avermectin B1

(Abamectin; Avermectin B1a-Avermectin B1b mixt.) Cat. No.: HY-15311

Bioactivity: Avermectin B1 (Abamectin) is a widely used insecticide and anthelmintic. IC50 Value: N/A Target: Antiparasitic Avermectin B1 is a mixture of avermectins containing more than 80% avermectin B1a and less than 20% avermectin B1b. These two components, B1a and B1b have very similar biological and...

Purity: 97.0%
Clinical Data: Phase 3
Size: 10mM x 1mL in DMSO, 100 mg

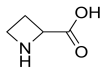


Azetidine-2-carboxylic acid

Cat. No.: HY-75308

Bioactivity: Azetidine-2-carboxylic acid is a non proteinogenic amino acid homologue of proline. Found in common beets. Azetidine-2-carboxylic acid can be misincorporated into proteins in place of proline in many species, including humans. Toxic and teratogenic agent [1] [2].

Purity: 97.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in Water, 100 mg

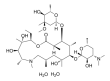


Azithromycin hydrate

(CP-62993 dihydrate) Cat. No.: HY-17506A

Bioactivity: Azithromycin hydrate is a macrolide antibiotic useful for the treatment of a number of bacterial infections.

Purity: >98%
Clinical Data: Launched
Size: 50 mg, 100 mg

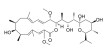


Bafilomycin A1

((-)-Bafilomycin A1) Cat. No.: HY-100558

Bioactivity: Bafilomycin A1, a macrolide antibiotic isolated from the Streptomyces species, is a specific inhibitor of **vacuolar-type H+ ATPase (V-ATPase)**. Bafilomycin A1 inhibits **autophagy** [1].

Purity: 99.0%
Clinical Data: No Development Reported
Size: 100u g

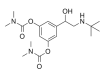


Bambuterol

(KWD-2183; (±)-Bambuterol) Cat. No.: HY-17501

Bioactivity: Bambuterol is a long acting beta-adrenoceptor agonist (LABA) used in the treatment of asthma; it also is a prodrug of terbutaline. IC50 value: Target: beta-adrenoceptor agonist Bambuterol is contraindicated in pregnancy and in people with seriously impaired liver function. It can be used by people...

Purity: >98%
Clinical Data: Launched
Size: 10 mg, 50 mg, 100 mg

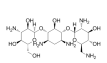


Bekanamycin

(Kanamycin B) Cat. No.: HY-B1174

Bioactivity: Bekanamycin is an aminoglycoside antibiotic.

Purity: 98.0%
Clinical Data: Launched
Size: 10mM x 1mL in Water, 100 mg

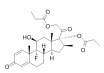


Betamethasone dipropionate

(Betamethasone 17,21-dipropionate) Cat. No.: HY-13571

Bioactivity: Betamethasone dipropionate is a **glucocorticoid** steroid with anti-inflammatory and immunosuppressive abilities.

Purity: 99.12%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 250 mg, 1 g

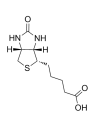


Biotin

(Vitamin B7; Vitamin H; D-Biotin) Cat. No.: HY-B0511

Bioactivity: Biotin is a water-soluble, enzyme co-factor present in minute amounts in every living cell.

Purity: 99.80%
Clinical Data: Phase 2
Size: 10mM x 1mL in DMSO, 1 g, 5 g

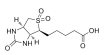


Biotin sulfone

Cat. No.: HY-113268

Bioactivity: Biotin sulfone is first isolated as a natural metabolite of biotin.

Purity: >98%
Clinical Data: No Development Reported
Size: 50 mg

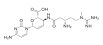


Blasticidin S

Cat. No.: HY-103401A

Bioactivity: Blasticidin S is a nucleoside antibiotic isolated from Streptomyces griseochromogenes. Blasticidin S is a potent inhibitor of protein synthesis in both prokaryotic and eukaryotic cells [1].

Purity: >98%
Clinical Data: No Development Reported
Size: 10 mg, 25 mg

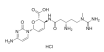


Blasticidin S hydrochloride

Cat. No.: HY-103401

Bioactivity: Blasticidin S hydrochloride is a nucleoside antibiotic isolated from Streptomyces griseochromogenes. Blasticidin S is a potent inhibitor of protein synthesis in both prokaryotic and eukaryotic cells [1].

Purity: 99.82%
Clinical Data: No Development Reported
Size: 10mM x 1mL in Water, 10 mg, 25 mg



Bombesin

Cat. No.: HY-P0195

Bioactivity: Bombesin is a tetradecapeptide originally isolated from frog skin; plays an important role in the release of gastrin and the activation of G-protein receptors.

Purity: 99.69%
Clinical Data: Phase 2
Size: 1 mg, 5 mg, 10 mg, 25 mg

Bovinic acid

Cat. No.: HY-113162

Bioactivity: Bovinic acid is a conjugated linoleic acid with anticarcinogenic and anti-atherogenic activities.

Purity: >98%
Clinical Data: No Development Reported
Size: 5 mg, 10 mg

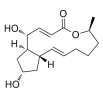
Brefeldin A

(BFA; Cyanein; Decumbin)

Cat. No.: HY-16592

Bioactivity: Brefeldin A is a specific inhibitor of **protein trafficking** which blocks the protein transport from the endoplasmic reticulum to the Golgi complex.

Purity: 99.79%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg, 50 mg, 100 mg



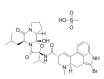
Bromocriptine mesylate

(CB-154)

Cat. No.: HY-12705A

Bioactivity: Bromocriptine mesylate is a potent **dopamine D2/D3 receptor** agonist, which binds D2 dopamine receptor with **pK_i** of 8.05±0.2.

Purity: 99.98%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 50 mg, 100 mg, 200 mg



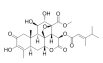
Bruceantin

((-)-Bruceantin; NCI165563; NSC165563)

Cat. No.: HY-N0840

Bioactivity: Bruceantin(NSC165563) is first isolated from Brucea antidysenterica, a tree used in Ethiopia for the treatment of cancer, and activity was observed against B16 melanoma, colon 38, and L1210 and P388 leukemia in mice.

Purity: 99.94%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 1 mg, 5 mg, 10 mg



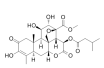
Bruceine A

(Dihydrobrusatol; NSC310616)

Cat. No.: HY-N0841

Bioactivity: Bruceine A(NSC310616; Dihydrobrusatol) is a natural quassinoid compound extracted from the dried fruits of Brucea javanica (L.); are potential candidates for the treatment of canine babesiosis.

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg



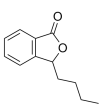
Butylphthalide

(3-n-Butylphthalide; 3-Butylphthalide)

Cat. No.: HY-B0647

Bioactivity: Butylphthalide(3-n-Butylphthalide) is an anti-cerebral-ischemia drug; first isolated from the seeds of celery, showed efficacy in animal models of stroke.

Purity: 99.98%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 10 mg, 50 mg

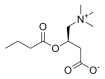


Butyrylcarnitine

Cat. No.: HY-113168

Bioactivity: Butyrylcarnitine is a metabolite in plasma, acts as a biomarker to improve the diagnosis and prognosis of heart failure, and is indicative of anomalous lipid and energy metabolism.

Purity: 99.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg

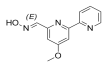


Caerulomycin A

(Cerulomycin; Caerulomycin) Cat. No.: HY-114495

Bioactivity: Caerulomycin A (Cerulomycin; Caerulomycin), an **antifungal** compound, induces generation of T cells, enhances TGF-β-Smad3 protein signaling via suppressing interferon-γ-induced STAT1 signaling. Antifungal and antibiotic activity, and used in autoimmune diseases [1].

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 1 mg, 5 mg, 10 mg



Calcifediol

(25-hydroxy Vitamin D3) Cat. No.: HY-32351

Bioactivity: Calcifediol is a major circulating metabolite of vitamin D3, acting as a competitive inhibitor with an apparent K_i of 3.9 μM, suppresses PTH secretion and mRNA (ED_{50}=2 nM).

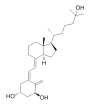
Purity: 98.93%
Clinical Data: Launched
Size: 5 mg, 100 mg

Calcitriol

(1,25-Dihydroxyvitamin D3) Cat. No.: HY-10002

Bioactivity: Calcitriol is the most active metabolite of vitamin D and also a **vitamin D receptor** (**VDR**) agonist.

Purity: 99.81%
Clinical Data: Launched
Size: 2 mg, 5 mg, 10 mg, 50 mg, 100 mg



Carcinoembryonic Antigen CEA

Cat. No.: HY-P0277

Bioactivity: Carcinoembryonic antigen (CEA) is a tumor marker in lung cancer.

Purity: 98.55%
Clinical Data: No Development Reported
Size: 500u g, 1 mg, 5 mg

YLSGANLNL

Castor oil

Cat. No.: HY-107799

Bioactivity: Castor oil is a natural triglyceride which has a laxative effect and induces labor in pregnant females.

Purity:
Clinical Data: Launched
Size: 100mL in

Castor oil

Cecropin A TFA

Cat. No.: HY-P1539A

Bioactivity: Cecropin A TFA is a linear 37-residue antimicrobial polypeptide isolated from Hyalaphora cecropia pupae. Cecropin A TFA exhibits anti-bacterial, anti-inflammatory [1] and anti-cancer activity [2].

Purity: 98.96%
Clinical Data: No Development Reported
Size: 1 mg, 5 mg, 10 mg

CEF3

Cat. No.: HY-P0289

Bioactivity: CEF3 (SIIPSGPLK) corresponds to aa 13-21 of the influenza A virus M1 protein. The matrix (M1) protein of influenza A virus is a multifunctional protein that plays essential structural and functional roles in the virus life cycle.

Purity: >98%
Clinical Data: No Development Reported
Size: 1 mg, 5 mg, 10 mg

SIIPSGPLK

CEF4

Cat. No.: HY-P0304

Bioactivity: CEF4 is a peptide that corresponds to aa 342-351 of the influenza A virus nucleocapsid protein.

Purity: >98%
Clinical Data: No Development Reported
Size: 1 mg, 5 mg, 10 mg

RVLSFIKGTK

Cellulase

Cat. No.: HY-B2220

Bioactivity: Cellulase is an enzyme catalyzing the hydrolysis of certain linkages in cellulose and other carbohydrates.

Purity:
Clinical Data: No Development Reported
Size: 1 g, 5 g

Cellulase

Ceratotoxin B

Cat. No.: HY-P1751

Bioactivity: Ceratotoxins B is antibacterial peptide produced by the sexually mature females of Ceratitis capitata. Lytic and antibacterial activity [1].

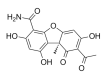
Purity: >98%
Clinical Data: No Development Reported
Size:

Cercosporamide

((-)-Cercosporamide) Cat. No.: HY-16982

Bioactivity: Cercosporamide is a highly potent, ATP-competitive **Pkc1** kinase inhibitor, with an IC_{50} of <50 nM and a K_i of <7 nM. Cercosporamide is a unique **Mnk** inhibitor.

Purity: >98%
Clinical Data: No Development Reported
Size: 500u g, 1 mg

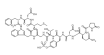


Ceruletide

(Caerulein; Cerulein; FI-6934) Cat. No.: HY-A0190

Bioactivity: Ceruletide, a biologically active decapeptide isolated from the skin of the Australian frog Hyla caerulea, is a potent cholecystokinetic agent, and acts as a **cholecystokinin receptor** agonist.

Purity: 99.96%
Clinical Data: No Development Reported
Size: 1 mg, 5 mg, 10 mg

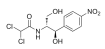


Chloramphenicol

Cat. No.: HY-B0239

Bioactivity: Chloramphenicol is a broad-spectrum antibiotic against **bacterial** infections.

Purity: 99.82%
Clinical Data: Launched
Size: 1 g, 5 g, 100 g

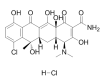


Chlortetracycline hydrochloride

(7-Chlorotetracycline hydrochloride) Cat. No.: HY-B1327

Bioactivity: Chlortetracycline Hydrochloride is a specific and potent calcium ionophore antibiotic, inhibit binding of aminoacyl-tRNA to ribosomes.

Purity: 95.0%
Clinical Data: Launched
Size: 10mM x 1mL in Water, 250 mg



Cholecalciferol

(Vitamin D3; Colecalciferol) Cat. No.: HY-15398

Bioactivity: Cholecalciferol(Vitamin D3) is a naturally occuring form of vitamin D; Reported that upon metabolic activation, Cholecalciferol induces cell differentiation and prevents proliferation of cancer cells. IC50 value: Target: Vitamin D acts through a receptor that is a member of the...

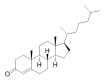
Purity: 98.0%
Clinical Data: Launched
Size: 100 mg, 1 g, 5 g

Cholestenone

Cat. No.: HY-113365

Bioactivity: Cholestenone is the intermediate oxidation product of cholesterol.

Purity: >98%
Clinical Data: No Development Reported
Size: 100 mg



Cholesteryl behenate

(Cholesteryl docosanoate; Cholesterol behenate) Cat. No.: HY-N2339

Bioactivity: Cholesteryl behenate is a standard in electrospray ionization tandem mass spectrometry for the analysis of cholesterol and cholesteryl esters.

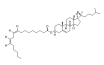
Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg

Cholesteryl linoleate

Cat. No.: HY-W010697

Bioactivity: Cholesteryl linoleate is shown to be the major cholesteryl ester contained in LDL and atherosclerotic lesions.

Purity: >98%
Clinical Data: No Development Reported
Size: 100 mg



Cholesteryl palmitate

Cat. No.: HY-W010708

Bioactivity: Cholesteryl palmitate is a useful prognostic biomarker for chronic interstitial pneumonia (CIP).

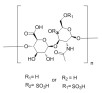
Purity: >98%
Clinical Data: No Development Reported
Size: 100 mg

Chondroitin sulfate

(Chondroitin polysulfate) Cat. No.: HY-B2162

Bioactivity: Chondroitin sulfate, one of five classes of glycosaminoglycans, has been widely used in the treatment of osteoarthritis. Chondroitin sulfate reduces inflammation mediators and the apoptotic process and is able to reduce protein production of inflammatory cytokines, **iNOS** and **MMPs**

Purity: 95.0%
Clinical Data: Launched
Size: 250 mg, 1 g

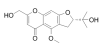


Cimifugin

(Cimitin) Cat. No.: HY-N0634

Bioactivity: Cimifugin is a major components of Yu-ping-feng-san, a Chinese medical formula that is used clinically for allergic diseases and characterized by reducing allergy relapse.

Purity: 99.97%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg

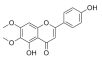


Cirsimaritin

Cat. No.: HY-N6648

Bioactivity: Cirsimaritin binds weakly to the benzodiazepine site on **$GABA_A$** receptors, with antidepressant, anxiolytic and antinociceptive activities.

Purity: >98%
Clinical Data: No Development Reported
Size: 1 mg, 5 mg



Closthioamide

Cat. No.: HY-101472

Bioactivity: Closthioamide is a potent inhibitor of bacterial DNA gyrase and highly active against Ec, MRSA, VRE and Mv), with MICs of 9.00 μM, 0.58 μM, 0.58 μM and 72.03 μM respectively.

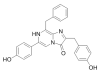
Purity: >98%
Clinical Data: No Development Reported
Size: 250 mg, 500 mg

Coelenterazine

Cat. No.: HY-18743

Bioactivity: Coelenterazine is widely distributed among marine organisms which can produce bioluminescence by calcium-dependent oxidation mediated by the photoprotein aequorin.

Purity: 98.03%
Clinical Data: No Development Reported
Size: 500u g, 1 mg, 5 mg, 10 mg, 25 mg

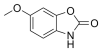


Coixol

(6-Methoxy-2-benzoxazolinone; 6-MBOA) Cat. No.: HY-N0936

Bioactivity: Coixol is a natural product extracted from Coix Lachryma-Jobi var. ma-yuen. IC50 value: Target: In vitro: Confluent NCI-H292 cells were pretreated with oleic acid, linoleic acid, glyceryl trilinoleate, beta-stigmasterol or coixol for 30 min and then stimulated with PMA (phorbol 12-myristate 13-acetate), EGF...

Purity: 98.51%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg

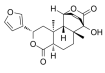


Columbin

Cat. No.: HY-N0389

Bioactivity: Columbin is a diterpenoid furanolactone with anti-inflammation activity.

Purity: 99.42%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg, 25 mg, 50 mg

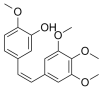


Combretastatin A4

(CRC 87-09) Cat. No.: HY-N2146

Bioactivity: Combretastatin A4 is a **microtubule**-targeting agent that binds **β-tubulin** with **K_d** of 0.4 μM.

Purity: 99.41%
Clinical Data: Phase 1
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg, 25 mg

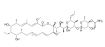


Concanamycin A

(Antibiotic X 4357B; Concanamycin; X 4357B) Cat. No.: HY-N1724

Bioactivity: Concanamycin A (Antibiotic X 4357B; Concanamycin; X 4357B) is a macrolide antibiotic and a specific **vacuolar type H^+-ATPase (V-ATPase)** inhibitor [1].

Purity: >98%
Clinical Data: No Development Reported
Size:

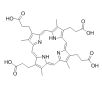


Coproporphyrin III

(Zincphyrin) Cat. No.: HY-101398

Bioactivity: Coproporphyrin III is a porphyrin derivative.

Purity: 99.50%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 1 mg, 5 mg

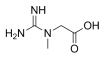


Creatine

Cat. No.: HY-W010388

Bioactivity: Creatine, an endogenous amino acid derivative, plays an important role in cellular energy, especially in muscle and brain.

Purity: 97.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in Water, 5 g



Crustacean Cardioactive Peptide CCAP

Cat. No.: HY-P0303

Bioactivity: Crustacean Cardioactive Peptide (CCAP) is a highly conserved, amidated cyclic nonapeptide, first isolated from the pericardial organs of the shore crab Carcinus maenas, where it has a role in regulating heartbeat; Crustacean Cardioactive Peptide (CCAP) also modulates the neuronal activity in other...

Purity: 98.91%
Clinical Data: No Development Reported
Size: 1 mg, 5 mg, 10 mg

PFCNAFTGC

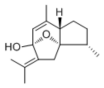
Curcumenol

((+)-Curcumenol)

Cat. No.: HY-N2259

Bioactivity: Curcumenol is one of constituents in the plants of medicinally important genus of Curcuma [1].

Purity: >98%
Clinical Data: No Development Reported
Size: 5 mg, 10 mg, 25 mg

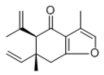


Curzerenone

Cat. No.: HY-N3651

Bioactivity: Curzerenone is one of constituents of leaf essential oil extracted from L. pulcherrima. Shows slight inhibitory effective against E. coli [1].

Purity: >98%
Clinical Data: No Development Reported
Size:

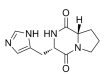


Cyclo(his-pro) (Cyclo(histidyl-proline); Histidylproline diketopiperazine)

Cat. No.: HY-101402

Bioactivity: Cyclo(his-pro) is a cyclic dipeptide structurally related to tyreotropin-releasing hormone. Cyclo(His-Pro) could inhibit **NF-κB** nuclear accumulation.

Purity: 99.41%
Clinical Data: No Development Reported
Size: 10mM x 1mL in Water, 25 mg, 50 mg, 100 mg



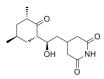
Cycloheximide

(Naramycin A; Actidione; CHX)

Cat. No.: HY-12320

Bioactivity: Cycloheximide (Naramycin A) is an eukaryote **protein synthesis** inhibitor, with **IC_{50}**s of 532.5 nM and 2880 nM for protein synthesis and RNA synthesis in vivo, respectively.

Purity: 99.45%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 200 mg, 500 mg



Cyclosporin A

(Cyclosporine; Ciclosporin)

Cat. No.: HY-B0579

Bioactivity: Cyclosporin A is an immunosuppressant which binds to the cyclophilin and inhibits phosphatase activity of **calcineurin** with an **IC_{50}** of 5 nM.

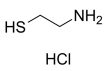
Purity: 98.0%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 100 mg, 200 mg, 500 mg

Cysteamine hydrochloride (β-Mercaptoethylamine Hydrochloride; 2-Aminoethanethiol Hydrochloride; ...)

Cat. No.: HY-77591

Bioactivity: Cysteamine Hydrochloride is an agent for the treatment of nephropathic cystinosis and an antioxidant. Target: Others Cysteamine has been shown to increase intracellular glutathione levels in cystinotic cells, thus restoring the altered redox state of the cells. Also increased rates of...

Purity: 98.0%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 5 g



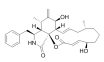
Cytochalasin B

(Phomin)

Cat. No.: HY-16928

Bioactivity: Cytochalasin B is a cell-permeable mycotoxin binding to the barbed end of **actin** filaments, disrupting the formation of actin polymers, with **K_d** value of 1.4-2.2 nM for F-actin.

Purity: 99.0%
Clinical Data: No Development Reported
Size: 1 mg



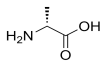
D-Alanine

((R)-Alanine; Ba 2776; D-α-Alanine)

Cat. No.: HY-41700

Bioactivity: D-Alanine is a weak **GlyR** (inhibitory glycine receptor) and **PMBA** agonist, with an **EC_{50}** of 9 mM for GlyR.

Purity: 97.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 g

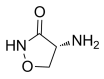


D-Cycloserine

Cat. No.: HY-B0030

Bioactivity: D-Cycloserine is an analog of the amino acid D-alanine. Target: Antibacterial D-Cycloserine selectively potentiated the duration of motor cortical excitability enhancements induced by anodal tDCS. D-Cycloserine alone did not modulate excitability [1]. Participants receiving d-cycloserine in...

Purity: 98.0%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 100 mg, 500 mg



D-Erythro-dihydrosphingosine

Cat. No.: HY-W019838

Bioactivity: D-Erythro-dihydrosphingosin directly inhibits cytosolic phospholipase A $_2\alpha$ (**cPLA$_2\alpha$**) activity.

Purity: >98%
Clinical Data: No Development Reported
Size: 5 mg

D-erythro-Sphingosine (Erythrosphingosine; erythro-C18-Sphingosine; trans-4-Sphingenine)

Cat. No.: HY-101047

Bioactivity: D-erythro-Sphingosine is a very potent activator of **p32-kinase** with an **EC_{50}** of 8 μM. D-erythro-Sphingosine inhibits protein kinase C (**PKC**).

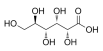
Purity: >98%
Clinical Data: No Development Reported
Size: 250 mg, 500 mg

D-Gluconic acid

Cat. No.: HY-Y0569

Bioactivity: D-Gluconic acid is the carboxylic acid by the oxidation with antiseptic and chelating properties.

Purity: >98%
Clinical Data: No Development Reported
Size: 1 g

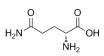


D-Glutamine

Cat. No.: HY-100587

Bioactivity: D-Glutamine is a cell-permeable D type stereoisomer of Glutamine.

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in Water, 50 mg, 100 mg

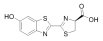


D-Luciferin (D-(-)-Luciferin; Firefly luciferin)

Cat. No.: HY-12591A

Bioactivity: D-luciferin is the natural substrate of luciferases that catalyze the production of light in bioluminescent insects.

Purity: 98.81%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 10 mg, 50 mg



D-Mannitol (Mannitol; Mannite)

Cat. No.: HY-N0378

Bioactivity: D-Mannitol is an osmotic diuretic agent and a weak renal vasodilator. Target: Others D(-)Mannitol is a sugar alcohol that can be used as an inert osmotic control substance. The uptake and phosphorylation of d-mannitol is catalyzed by the mannitol-specific phosphoenolpyruvate-dependent...

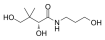
Purity: 98.0%
Clinical Data: Launched
Size: 10mM x 1mL in Water, 5 g, 10 g, 500 g

D-Panthenol (Dexpanthenol)

Cat. No.: HY-B1391

Bioactivity: D-Panthenol is the biologically-active alcohol of pantothenic acid, which leads to an elevation in the amount of coenzyme A in the cell.

Purity: 98.28%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 1 g

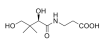


D-Pantothenic acid (pantothenate; vitamin B5)

Cat. No.: HY-B0430

Bioactivity: D-Pantothenic acid(pantothenate) is a water-soluble vitamin and an essential nutrient for for many animals.

Purity: 95.0%
Clinical Data: No Development Reported
Size: 100 mg

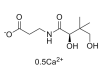


D-Pantothenic acid hemicalcium salt (Calcium D-pantothenate; Vitamin B5 calcium salt; Calcium pantothenate)

Cat. No.: HY-N0681

Bioactivity: D-Pantothenic acid hemicalcium salt, a kind of water soluble vitamin, can reduce the patulin content of the apple juice. IC50 value: Target: In vitro: In human dermal fibroblasts from three different donors, D-Pantothenic acid hemicalcium salt accelerates the wound healing process by increasing the number...

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in Water, 5 g



D-Sorbitol

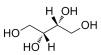
(Glucitol; D-Glucitol; Sorbitol) Cat. No.: HY-B0400

Bioactivity: D-Sorbitol is a sugar alcohol that is commonly used as a sugar substitute. Target: Others D-Sorbitol occurs naturally and is also produced synthetically from glucose. The food industry uses D-sorbitol as an additive in the form of a sweetener, humectant, emulsifier, thickener, or dietary supplement....
Purity: 98.0%
Clinical Data: Launched
Size: 10mM x 1mL in Water, 100 mg, 500 mg, 500 g

D-Threitol

Cat. No.: HY-W012846

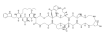
Bioactivity: D-threitol serves as a antifreeze agent in the Alaskan beetle Upis ceramboides.
Purity: >98%
Clinical Data: No Development Reported
Size: 100 mg



Daptomycin

(LY146032) Cat. No.: HY-B0108

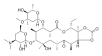
Bioactivity: Daptomycin is a lipopeptide antibiotic with rapid in vitro bactericidal activity against gram-positive organisms.
Purity: 99.42%
Clinical Data: Launched
Size: 10mM x 1mL in Water, 50 mg, 100 mg



Davercin

(Erythromycin Cyclocarbonate) Cat. No.: HY-100584

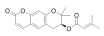
Bioactivity: Davercin (Erythromycin Cyclocarbonate), derivative of Erythromycin, which is active against Gram-positive and some Gram-negative microorganisms.
Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 2 mg, 5 mg, 10 mg, 25 mg



Decursin

((+)-Decursin) Cat. No.: HY-18981

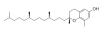
Bioactivity: Decursin is an anticancer agent, with potential anti-inflammatory activity.
Purity: 99.98%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg, 25 mg, 50 mg



Delta-Tocopherol

Cat. No.: HY-113026

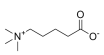
Bioactivity: Delta-Tocopherol is an isomer of Vitamin E.
Purity: >98%
Clinical Data:
Size: 50 mg



delta-Valerobetaine

Cat. No.: HY-114202

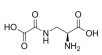
Bioactivity: delta-Valerobetaine is a precursor of trimethylamine N-oxide (TMAO).
Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in Water, 5 mg, 10 mg, 25 mg, 50 mg, 100 mg



Dencichin

(Dencichine; L-Dencichin; ODAP) Cat. No.: HY-N1477

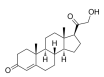
Bioactivity: Dencichin is a non-protein amino acid originally extracted from Panax notoginseng, and can inhibit **HIF-prolyl hydroxylase-2 (PHD-2)** activity.
Purity: >98%
Clinical Data: No Development Reported
Size: 5 mg, 10 mg, 25 mg



Deoxycorticosterone

Cat. No.: HY-113414

Bioactivity: Deoxycorticosterone is a steroid hormone produced by the adrenal gland that possesses mineralocorticoid activity and acts as an aldosterone precursor.
Purity: >98%
Clinical Data: No Development Reported
Size: 5 mg, 10 mg



Dermaseptin

Cat. No.: HY-P0263

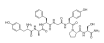
Bioactivity: Dermaseptin, a peptide isolated from frog skin, exhibits potent antimicrobial activity against **bacteria**, **fungi** and **protozoa**.
Purity: >98%
Clinical Data: No Development Reported
Size: 500u g, 1 mg, 5 mg

Dermorphin

Cat. No.: HY-P0244

Bioactivity: Dermorphin is a natural heptapeptide **μ-opioid receptor** (**MOR**) agonist found in amphibian skin.

Purity: 99.64%
Clinical Data: No Development Reported
Size: 1 mg, 5 mg, 10 mg, 25 mg

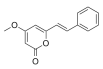


Desmethoxyyangonin

(Demethoxyyangonin; 5,6-Dehydrokavain) Cat. No.: HY-N0918

Bioactivity: Desmethoxyyangonin is one of the six major kavalactones found in the Piper methysticum (kava) plant; reversible inhibitor of MAO-B.

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg

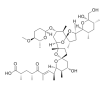


Dianemycin

(Nanchangmycin (free acid)) Cat. No.: HY-100528A

Bioactivity: Dianemycin (Nanchangmycin free acid), produced by Streptomyces nanchangensis NS3226, inhibits gram-positive bacteria [1]. Dianemycin is a broad spectrum antiviral active against Zika virus [2].

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 2 mg, 5 mg, 10 mg, 50 mg, 100 mg

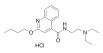


Dibucaine hydrochloride

(Cinchocaine hydrochloride) Cat. No.: HY-B0552A

Bioactivity: Dibucaine Hydrochloride is a local anesthetic of the amide type now generally used for surface anesthesia.

Purity: 99.67%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 g, 10 g

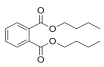


Dibutyl phthalate

Cat. No.: HY-Y0304

Bioactivity: Dibutyl phthalate is a commonly used plasticizer commonly found in some food packaging materials, personal care products, and the coating of oral medications [1]. May cause toxicity and adverse neurobehavioral effects [2] [3].

Purity: 99.79%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 50 mg

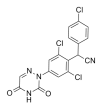


Diclazuril

(R-64433) Cat. No.: HY-B0357

Bioactivity: Diclazuril (R-64433) is an anti-coccidial drug.

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 100 mg

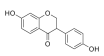


Dihydrodaidzein

((±)-Dihydrodaidzein) Cat. No.: HY-N1461

Bioactivity: Dihydrodaidzein is one of the most prominent dietary phytoestrogens.

Purity: >98%
Clinical Data: No Development Reported
Size: 5 mg, 10 mg

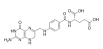


Dihydrofolic acid

Cat. No.: HY-113267

Bioactivity: Dihydrofolic acid is a folic acid derivative acted upon by dihydrofolate reductase to produce tetrahydrofolic acid.

Purity: >98%
Clinical Data: No Development Reported
Size: 5 mg

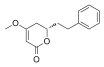


Dihydrokavain

(7,8-Dihydrokawain; 7,8-Dihydrokavain; Marindinin) Cat. No.: HY-N0920

Bioactivity: Dihydrokavain is one of the six major kavalactones found in the kava plant; appears to contribute significantly to the anxiolytic effects of kava, based on a study in chicks.

Purity: >98%
Clinical Data: No Development Reported
Size: 5 mg, 10 mg

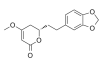


Dihydromethysticin

((+)-Dihydromethysticin) Cat. No.: HY-N0921

Bioactivity: Dihydromethysticin is one of the six major kavalactones found in the kava plant; has marked activity on the induction of CYP3A23.

Purity: >98%
Clinical Data: No Development Reported
Size: 5 mg, 10 mg

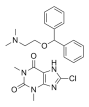


Dimenhydrinate

Cat. No.: HY-B1215

Bioactivity: Dimenhydrinate is an anti-emetic and anti-histamine commonly available over-the-counter as a motion sickness remedy.

Purity: 99.89%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 100 mg



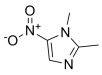
Dimetridazole

(1,2-Dimethyl-5-nitroimidazole)

Cat. No.: HY-B1244

Bioactivity: Dimetridazole is a nitroimidazole class drug that combats protozoan infections. Target: Antiparasitic Dimetridazole (DMZ) is a 5-nitroimidazole drug traditionally used for the prevention and treatment of histomoniasis in turkeys, trichomoniasis in pigeons, genital trichomoniasis in cattle...

Purity: 98.0%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 1 g

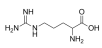


DL-Arginine

Cat. No.: HY-N0454

Bioactivity: DL-Arginine is used in physicochemical analysis of amino acid complexation dynamics and crystal structure formations.

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in Water, 1 g

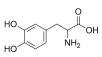


DL-Dopa

Cat. No.: HY-113404

Bioactivity: DL-Dopa is a beta-hydroxylated derivative of phenylalanine.

Purity: 97.0%
Clinical Data:
Size: 10mM x 1mL in DMSO, 1 g

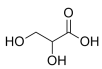


DL-Glyceric Acid

Cat. No.: HY-W018035

Bioactivity: DL-Glyceric Acid is a compound that is secreted excessively in the urine by patients suffering from D-glyceric aciduria.

Purity: 97.0%
Clinical Data: No Development Reported
Size: 2 M * 5 mL in Water

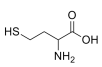


DL-Homocysteine

Cat. No.: HY-W040821

Bioactivity: DL-Homocysteine is a weak neurotoxin, and can affect the production of kynurenic acid in the brain.

Purity: >98%
Clinical Data:
Size: 100 mg

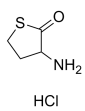


DL-Homocysteine thiolactone hydrochloride

Cat. No.: HY-101404

Bioactivity: DL-Homocysteine thiolactone hydrochloride is a cyclic amino acid derivative that exhibits root-growth inhibitory activity.

Purity: 97.0%
Clinical Data: No Development Reported
Size: 1 g

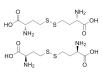


DL-Homocystine

Cat. No.: HY-W009390

Bioactivity: DL-Homocystine is the double-bonded form of homocysteine and homocysteine is recognized as an important substance in the pathogenesis and pathophysiology of schizophrenia.

Purity: 97.0%
Clinical Data: No Development Reported
Size: 5 g



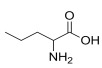
DL-Norvaline

(2-Aminopentanoic acid)

Cat. No.: HY-W010510

Bioactivity: DL-Norvaline, a derivative of **L-norvaline**, L-norvaline is a non-competitive inhibitor of arginase.

Purity: 97.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in Water, 5 g

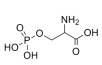


DL-O-Phosphoserine

Cat. No.: HY-15130

Bioactivity: DL-O-Phosphoserine, a normal metabolite in human biofluid, is an ester of serine and phosphoric acid.

Purity: >98%
Clinical Data: No Development Reported
Size: 100 mg



Docosapentaenoic acid 22n-3

Cat. No.: HY-113159

Bioactivity: Docosapentaenoic acid (22n-3) is a component of phospholipids found in all animal cell membranes.

Purity: >98%
Clinical Data: No Development Reported
Size: 1 mg, 5 mg

Docosatrienoic Acid (cis-13,16,19-docosatrienoic acid; (13Z,16Z,19Z)-13,16,19-Docosatrienoic acid)

Cat. No.: HY-101408

Bioactivity: Docosatrienoic acid is a rare ω-3 fatty acid; inhibits LTB4 binding to pig neutrophil membranes with an K_i of 5 μM.

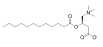
Purity: 98.00%
Clinical Data: No Development Reported
Size: 5 mg, 10 mg

Dodecanoylcarnitine

Cat. No.: HY-113166

Bioactivity: Dodecanoylcarnitine is present in fatty acid oxidation disorders such as long-chain acyl CoA dehydrogenase deficiency, carnitine palmitoyltransferase I/II deficiency, and is also associated with celiac disease.

Purity: 99.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg



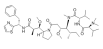
Dolastatin 10

(DLS 10; NSC 376128)

Cat. No.: HY-15580

Bioactivity: Angiotensin II human is a vasoconstrictor that acts on the **AT1** and the **AT2** receptor.

Purity: 99.83%
Clinical Data: Phase 2
Size: 1 mg, 5 mg



Dopamine hydrochloride

(ASL279)

Cat. No.: HY-B0451A

Bioactivity: Dopamine HCl is a catecholamine neurotransmitter present in a wide variety of animals,And a dopamine D1-5 receptors agonist. Target: Dopamine Receptor Dopamine (or 3,4-dihydroxyphenethylamine) is a neuroendocrine transmitter in the catecholamine and phenethylamine families that plays a...

Purity: 98.0%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 100 mg, 500 mg

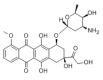
Doxorubicin

(Hydroxydaunorubicin)

Cat. No.: HY-15142A

Bioactivity: Doxorubicin is a cytotoxic anthracycline antibiotic for the treatment of multiple cancers. The possible mechanisms by which doxorubicin acts in the cancer cell are intercalation into DNA and disruption of **topoisomerase-II**-mediated DNA repair.

Purity: >98%
Clinical Data: Launched
Size: 50 mg, 100 mg, 200 mg, 500 mg



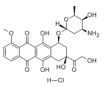
Doxorubicin hydrochloride

(Hydroxydaunorubicin (hydrochloride))

Cat. No.: HY-15142

Bioactivity: Doxorubicin hydrochloride is a cytotoxic anthracycline antibiotic for the treatment of multiple cancers. The possible mechanisms by which doxorubicin acts in the cancer cell are intercalation into DNA and disruption of **topoisomerase-II**-mediated DNA repair.

Purity: 99.47%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 50 mg, 100 mg, 200 mg, 500 mg, 1 g



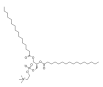
DPPC

(129Y83)

Cat. No.: HY-109506

Bioactivity: DPPC is a zwitterionic phosphoglyceride that can be used for the preparation of liposomal monolayers.

Purity: 98.0%
Clinical Data:
Size: 10 mg, 50 mg



Eicosadienoic acid

Cat. No.: HY-113130

Bioactivity: Eicosadienoic acid is a rare, naturally occurring n-6 polyunsaturated fatty acid found mainly in animal tissues.

Purity: >98%
Clinical Data: No Development Reported
Size: 25 mg

Eicosapentaenoic Acid

(EPA; Timnodonic acid)

Cat. No.: HY-B0660

Bioactivity: Eicosapentaenoic Acid (EPA; Timnodonic acid) is an omega-3 fatty acid.

Purity: 98.72%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 50 mg, 100 mg, 500 mg

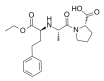
Enalapril

(MK-421)

Cat. No.: HY-B0331

Bioactivity: Enalapril (MK-421) is an angiotensin converting enzyme (ACE) inhibitor.

Purity: >98%
Clinical Data: Launched
Size: 1 g, 5 g

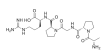


Enterostatin, human, mouse, rat

Cat. No.: HY-P1067

Bioactivity: Enterostatin, human, mouse, rat is a pentapeptide that reduces fat intake.

Purity: >98%
Clinical Data: No Development Reported
Size: 1 mg, 5 mg

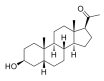


Epipregnanolone

Cat. No.: HY-113036

Bioactivity: Epipregnanolone is an endogenous neurosteroid that has anesthetic, hypnotic, and sedative properties.

Purity: >98%
Clinical Data: No Development Reported
Size: 10 mg

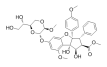


Episilvestrol

Cat. No.: HY-15359

Bioactivity: Episilvestrol is a derivative of silvestrol, isolated from the fruits and twigs of Aglaia silvestris, and is a specific **eIF4A**-targeting translation inhibitor, with antitumor activity.

Purity: 99.85%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 1 mg



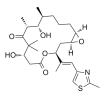
Epothilone A

(Epo A)

Cat. No.: HY-13503

Bioactivity: Epothilone A is a competitive inhibitor of the binding of [^{3}H] paclitaxel to **tubulin** polymers, with a K_i of 0.6-1.4 μM.

Purity: 99.05%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 1 mg, 5 mg, 10 mg, 25 mg



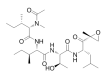
Epoxomicin

(BU-4061T)

Cat. No.: HY-13821

Bioactivity: Epoxomicin is a cell-permeable and irreversible **proteasome** inhibitor, primarily the chymotrypsin-like activity.

Purity: 99.89%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 100u g, 1 mg, 5 mg, 10 mg, 20 mg

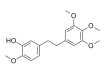


Erianin

Cat. No.: HY-N0517

Bioactivity: Erianin, often used as an antipyretic and analgesic agent, could inhibit IDO-induced tumor angiogenesis.

Purity: 99.52%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg, 50 mg

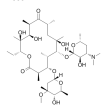


Erythromycin

Cat. No.: HY-B0220

Bioactivity: Erythromycin, an oral macrolide antibiotic produced by Streptomyces erythreus, reversibly binds to the 50S ribosome of bacteria, and inhibits protein synthesis. Target: Antibacterial Erythromycin is a macrolide antibiotic that has an antimicrobial spectrum similar to or slightly wider than...

Purity: 98.0%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 1 g, 5 g, 10 g



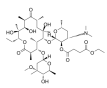
Erythromycin Ethylsuccinate

(Erythromycin ethyl succinate; EES)

Cat. No.: HY-B0957

Bioactivity: Erythromycin Ethylsuccinate is an antibiotic useful for the treatment of a number of bacterial infections, has an antimicrobial spectrum similar to or slightly wider than that of penicillin.

Purity: 98.0%
Clinical Data: Phase 4
Size: 10mM x 1mL in DMSO, 200 mg



Escitalopram

((S)-Citalopram; S-(+)-Citalopram)

Cat. No.: HY-14258

Bioactivity: Escitalopram is a selective serotonin reuptake inhibitor (SSRI) with Ki of 0.89 nM. Target: SSRIs Escitalopram, the S-enantiomer of citalopram, belongs to a class of antidepressant agents known as selective serotonin-reuptake inhibitors (SSRIs). Escitalopram may be used to treat major...

Purity: >98%
Clinical Data: Launched
Size: 10 mg, 50 mg, 100 mg

Estriol

(Oestriol) Cat. No.: HY-B0412

Bioactivity: Estriol is an antagonist of the G-protein coupled estrogen receptor in estrogen receptor-negative breast cancer cells. Target: Estrogen Receptor/ERR A recent study shows that estrogen (estrone, estradiol, and estriol) inhibits Alzheimer's disease-associated low-order Aβ oligomer...

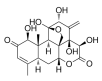
Purity: 98.0%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 100 mg, 500 mg

Eurycomanone

(Pasakbumin A) Cat. No.: HY-N5012

Bioactivity: Eurycomanone could increases spermatogenesis by inhibiting the activity of phosphodiesterase and aromatase in steroidogenesis.

Purity: >98%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 1 mg, 5 mg, 10 mg



Exendin-3

Cat. No.: HY-P1543

Bioactivity: Exendin-3 is a biologically active peptides isolated from venoms of the Gila monster lizards, Heloderma horridurn .

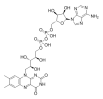
Purity: >98%
Clinical Data: No Development Reported
Size: 500u g, 1 mg, 5 mg

Flavin Adenine Dinucleotide

(FAD; NSC 112207) Cat. No.: HY-B1654

Bioactivity: Flavin Adenin Dinucleotide is a redox cofactor, more specifically a prosthetic group of a protein, involved in several important enzymatic reactions in metabolism.

Purity: >98%
Clinical Data: No Development Reported
Size: 25 mg

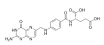


Folic acid

(Vitamin B9; Vitamin M) Cat. No.: HY-16637

Bioactivity: Folic acid(Vitamin M; Vitamin B9) is a B vitamin; is necessary for the production and maintenance of new cells, for DNA synthesis and RNA synthesis.

Purity: 99.56%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 5 g, 10 g

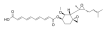


Fumagillin

(Amebacilin; NSC9168) Cat. No.: HY-B0751

Bioactivity: Fumagillin(NSC9168) is a complex biomolecule and used as an antimicrobial agent. Target: Antiparasitic Fumagillin is an active amebicide and anti-infective isolated from the fungus Aspergillus fumigatus. Fumagillin does exhibit some side effects that have deterred its acceptance as a viable...

Purity: 95.0%
Clinical Data: Launched
Size: 1 mg, 5 mg, 10 mg, 25 mg

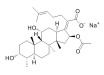


Fusidic acid sodium salt

(Sodium fusidate; SQ-16360) Cat. No.: HY-B1350A

Bioactivity: Fusidic acid sodium salt is a bacteriostatic antibiotic.

Purity: 97.58%
Clinical Data: Launched
Size: 10mM x 1mL in Water, 100 mg, 500 mg

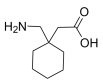


Gabapentin

Cat. No.: HY-A0057

Bioactivity: Gabapentin (Neurontin) is a pharmaceutical drug, specifically a GABA analog. It was originally developed to treat epilepsy, and currently is also used to relieve neuropathic pain. IC50 Value: 140 nM (α2δ subunit of calcium channel) [1] Target: Calcium Channel in vitro: Gabapentin, baclofen and CGP 44532...

Purity: 98.0%
Clinical Data: Launched
Size: 10mM x 1mL in Water, 10 mg, 50 mg, 100 mg

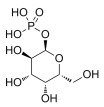


Galactose 1-phosphate

Cat. No.: HY-113143

Bioactivity: Galactose 1-phosphate is an intermediate in the galactose metabolism and nucleotide sugars.

Purity: >98%
Clinical Data: No Development Reported
Size: 10 mg, 50 mg

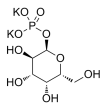


Galactose 1-phosphate Potassium salt

Cat. No.: HY-113143A

Bioactivity: Galactose 1-phosphate Potassium salt is is an intermediate in the galactose metabolism and nucleotide sugars.

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in Water, 10 mg, 50 mg



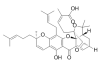
Gambogic Acid

(Beta-Guttiferrin)

Cat. No.: HY-N0087

Bioactivity: Gambogic acid is derived from the gamboges resin of the tree Garcinia hanburyi. Gambogic acid inhibits **Bcl-X_L**, **Bcl-2**, **Bcl-W**, **Bcl-B**, **Bfl-1** and **Mcl-1** with **IC_{50}**s of 1.47 μM, 1.21 μM, 2.02 μM, 0.66 μM, 1.06 μM and 0.79 μM.

Purity: 95.06%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg, 50 mg

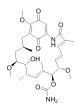


Geldanamycin

Cat. No.: HY-15230

Bioactivity: Geldanamycin is a **Hsp90** inhibitor with antimicrobial activity against many Gram-positive and some Gram-negative bacteria.

Purity: 99.78%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg

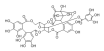


Geraniin

Cat. No.: HY-N0472

Bioactivity: Geraniin is a **TNF-α** releasing inhibitor with numerous activities including anticancer, anti-inflammatory, and anti-hyperglycemic activities, with an **IC_{50}** of 43 μM.

Purity: 99.10%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg

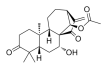


Glaucocalyxin B

Cat. No.: HY-N2113

Bioactivity: Glaucocalyxin B is an ent kaurane diterpenoid isolated from the Chinese traditional medicine Rabdosia japonica with anticancer and antitumor activity; decreases the growth of HL-60 cells with an **IC_{50}** of approximately 5.86 μM at 24 h.

Purity: 99.39%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg



Glucagon-Like Peptide (GLP) II, human

Cat. No.: HY-P1841

Bioactivity: Glucagon-Like Peptide (GLP) II, human is a 33-amino acid peptide derived from the C-terminal of proglucagon and mainly produced by the intestinal L cells. Glucagon-Like Peptide (GLP) II, human stimulates intestinal mucosal growth and decreased apoptosis of enterocytes [1].

Purity: >98%
Clinical Data: No Development Reported
Size:

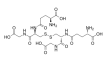
Glutathione oxidized

(L-Glutathione oxidized; GSSG)

Cat. No.: HY-D0844

Bioactivity: Glutathione oxidized is produced by the oxidation of glutathione which is a major intracellular antioxidant and detoxifying agent.

Purity: 98.30%
Clinical Data: No Development Reported
Size: 10mM x 1mL in Water, 100 mg

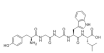


Gluten Exorphin B5

Cat. No.: HY-P1742

Bioactivity: Gluten Exorphin B5 is an exogenous opioid peptides derived from wheat gluten, acts on **opioid receptor**, increases postprandial plasma insulin level in rats [1].

Purity: >98%
Clinical Data: No Development Reported
Size:

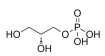


Glycerol 3-phosphate

Cat. No.: HY-113128

Bioactivity: Glycerol 3-phosphate is produced by cytosolic glycerol 3-phosphate dehydrogenase pathway through the reduction of dihydroxyacetone phosphate using NADH formed during glycolysis.

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 1 mg, 5 mg

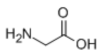


Glycine

Cat. No.: HY-Y0966

Bioactivity: Glycine is an inhibitory neurotransmitter in the CNS and also acts as a co-agonist along with glutamate, facilitating an excitatory potential at the glutaminergic **N-methyl-D-aspartic acid (NMDA)** receptors.

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 1 g

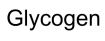


Glycogen

Cat. No.: HY-113511

Bioactivity: Glycogen is a glycolytic intermediates and high-energy phosphates that can serve as a form of energy storage in humans, animals, fungi, and bacteria.

Purity: 99.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in Water, 50 mg

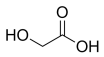


Glycolic acid

Cat. No.: HY-W015967

Bioactivity: Glycolic Acid is an inhibitor of **tyrosinase**, suppressing melanin formation and lead to a lightening of skin colour.

Purity: 97.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 1 g

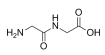


Glycylglycine

Cat. No.: HY-D0889

Bioactivity: Glycylglycine is the simplest of all peptides and could function as a gamma-glutamyl acceptor.

Purity: 97.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 g



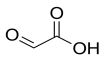
Glyoxalic acid

(NSC 27785; Formylformic acid; Oxalaldehydic acid)

Cat. No.: HY-79494

Bioactivity: Glyoxalic acid (NSC 27785) is an organic compound that is both an aldehyde and a carboxylic acid.

Purity: >98%
Clinical Data: No Development Reported
Size: 1 g

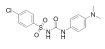


Glyparamide

Cat. No.: HY-15383

Bioactivity: Glyparamide is a chlorophenyl-containing sulfonylurea with hypoglycemic activity; Glyparamide rarely causes hepatic injury.

Purity: >98%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg, 50 mg, 100 mg



GnRH-I

Cat. No.: HY-P0292

Bioactivity: GnRH-I is a small 10 amino acid long peptide (decapeptide) from the hypothalamus, acts at the hypophysis to cause an increase in release of biologically active Follicle-Stimulating Hormone (FSH) and Luteinizing Hormone (LH) in the blood.

Purity: 99.55%
Clinical Data: No Development Reported
Size: 1 mg, 5 mg, 10 mg, 25 mg

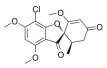
Pyr-HWSYGLRPG-NH_2

Griseofulvin

Cat. No.: HY-17583

Bioactivity: Griseofulvin(Gris-PEG; Grifulvin) is a spirocyclic fungal natural product used in treatment of fungal dermatophytes; Antifungal drug.

Purity: 98.12%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 5 g



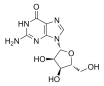
Guanosine

(DL-Guanosine; Vernine)

Cat. No.: HY-N0097

Bioactivity: Guanosine is a purine nucleoside comprising guanine attached to a ribose (ribofuranose) ring via a β-N9-glycosidic bond.

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 1 g

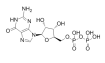


Guanosine 5'-diphosphate

Cat. No.: HY-113066

Bioactivity: Guanosine 5'-diphosphate is a nucleoside diphosphate. Guanosine 5'-diphosphate is a potential iron mobilizer, which prevents the hepcidin-ferroportin interaction and modulating the interleukin-6 (IL-6)/stat-3 pathway [1].

Purity: >98%
Clinical Data: No Development Reported
Size: 10 mg, 50 mg

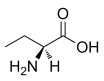


H-Abu-OH

Cat. No.: HY-W010589

Bioactivity: H-Abu-OH, one of the three isomers of aminobutyric acid, is elevated in the plasma of children with with Reye's syndrome, tyrosinemia, homocystinuria, nonketotic hyperglycinemia, and ornithine transcarbamylase deficiency.

Purity: 97.00%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 1 g

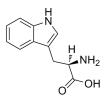


H-D-Trp-OH

Cat. No.: HY-W012479

Bioactivity: H-D-Trp-OH is a D-stereoisomer of tryptophan and occasionally found in naturally produced peptides such as the marine venom peptide.

Purity: 99.69%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 1 g

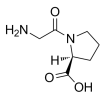


H-Gly-Pro-OH

Cat. No.: HY-W016887

Bioactivity: H-Gly-Pro-OH is an end product of collagen metabolism that is further cleaved by prolidase.

Purity: 97.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 99 mg

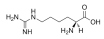


H-HoArg-OH

Cat. No.: HY-W008385

Bioactivity: H-HoArg-OH, a homologue arginine, is a strong inhibitor of human bone and liver **alkaline phosphatase**.

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 100 mg

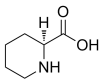


H-HoPro-OH

Cat. No.: HY-W012734

Bioactivity: H-HoPro-OH is a breakdown product of lysine, accumulates in body fluids of infants with generalized genetic peroxisomal disorders, such as Zellweger syndrome, neonatal adrenoleukodystrophy.

Purity: 97.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 100 mg

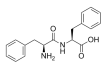


H-Phe-Phe-OH

Cat. No.: HY-W007970

Bioactivity: H-Phe-Phe-OH is a peptide made of two phenylalanine molecules; Phenylalanine is an essential amino acid and the precursor for the amino acid tyrosine.

Purity: 97.79%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 100 mg

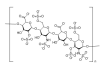


Heparan Sulfate

Cat. No.: HY-101916

Bioactivity: Heparan sulfate, a complex and linear polysaccharide, exists as part of glycoproteins named heparan sulfate proteoglycans, which are expressed abundantly on the cell surface and in the extracellular matrix.

Purity:
Clinical Data: No Development Reported
Size: 1 mg, 5 mg, 10 mg, 25 mg



HEX3

Cat. No.: HY-P0302

Bioactivity: HEX3 is a fragment of the adenoviral hexon. Hexon is the major capsid protein of adenovirion and is comprised of three identical polypeptide chains.

Purity: >98%
Clinical Data: No Development Reported
Size: 1 mg, 5 mg, 10 mg

KYSPSNVKI

Hexacosanoic acid

Cat. No.: HY-113301

Bioactivity: Hexacosanoic acid is a long-chain fatty acid related to various diseases such as adrenoleukodystrophy (ALD), adrenomyeloneuropathy (AMN) and atherosclerosis.

Purity: >98%
Clinical Data: No Development Reported
Size: 10 mg, 50 mg

Histamine

(Ergamine)

Cat. No.: HY-B1204

Bioactivity: Histamine is an organic nitrogenous compound involved in local immune responses as well as regulating physiological function in the gut and acting as a neurotransmitter.

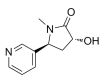
Purity: 99.96%
Clinical Data: Launched
Size: 10mM x 1mL in Water, 100 mg

Hydroxycotinine

Cat. No.: HY-113239

Bioactivity: Hydroxycotinine is the main nicotine metabolite detected in smokers urine.

Purity: >98%
Clinical Data:
Size: 1 mg

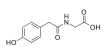


Hydroxyphenylacetylglycine

Cat. No.: HY-113210

Bioactivity: Hydroxyphenylacetylglycine is an acyl glycine, and an endogenous human metabolite.

Purity: >98%
Clinical Data:
Size: 10 mg

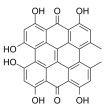


Hypericin

Cat. No.: HY-N0453

Bioactivity: Hypericin is a photosensitive antiviral with anticancer and antidepressant agent derived from Hypericum perforatum. It can inhibit tyrosine kinases with IC50 of 7.5 μM. IC50: 7.5 uM In vitro:The photosensitive of hypericin can induce both apoptosis and necrosis in a concentration and light...

Purity: 99.42%
Clinical Data: Phase 3
Size: 10mM x 1mL in DMSO, 1 mg, 5 mg, 10 mg, 25 mg



Hypotaurine

(2-Aminoethanesulfinic acid)

Cat. No.: HY-100803

Bioactivity: Hypotaurine (2-aminoethanesulfinic acid), an intermediate in taurine biosynthesis from cysteine in astrocytes, is an endogenous inhibitory amino acid of the **glycine receptor**.

Purity: 98.36%
Clinical Data: No Development Reported
Size: 10mM x 1mL in Water, 50 mg

i-Inositol

(myo-Inositol; meso-Inositol)

Cat. No.: HY-B1411

Bioactivity: i-Inositol is a chemical compound, associated lipids are found in many foods, in particular fruit, especially cantaloupe and oranges.

Purity: 98.0%
Clinical Data: Phase 4
Size: 10mM x 1mL in Water, 5 g

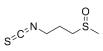
Iberin

(NSC 321801)

Cat. No.: HY-101413

Bioactivity: Iberin, a sulfoxide analogue of sulforaphane, is a naturally occurring member of isothiocyanate family. It inhibits cell survival with an IC_{50} of 2.3 μM in HL60 cell.

Purity: 98.00%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 2 mg

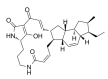


Ikarugamycin

Cat. No.: HY-119764

Bioactivity: Ikarugamycin is an antibiotic and a inhibitor of **clathrin-mediated endocytosis (CME)** [1].

Purity: >98%
Clinical Data: No Development Reported
Size:

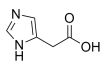


Imidazoleacetic acid

Cat. No.: HY-113413

Bioactivity: Imidazoleacetic acid is an endogenous ligand that stimulates **imidazole receptors**.

Purity: >98%
Clinical Data: No Development Reported
Size: 50 mg



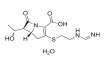
Imipenem monohydrate

(N-Formimidoyl thienamycin monohydrate)

Cat. No.: HY-B1369

Bioactivity: Imipenem monohydrate, a member of the carbapenem class of antibiotics isolated from the soil organism Streptomyces cattleya [1], is an intravenous β-lactam antibiotic effective against a wide range of Gram-positive and Gram-negative bacteria, including several multi-drug resistant bacterial...

Purity: 97.0%
Clinical Data: Launched
Size: 100 mg



Impulsin

(AM 3112; Loramine P 256; Mackpeart DR 14V)

Cat. No.: HY-20685

Bioactivity: Impulsin (AM 3112) is an active endogenous compound which can used for preventing virus infection of the respiratory tract.

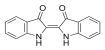
Purity: 97.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 10 mg, 50 mg, 100 mg

Indigo

Cat. No.: HY-N0335

Bioactivity: Indigo is a deep and rich color dye for indole stain, isolated from the plant Indigofera tinctoria and related species [1].

Purity: >98%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 100 mg



Indolicidin

Cat. No.: HY-P0261

Bioactivity: Indolicidin is a potent **antimicrobial** peptide purified from the cytoplasmic granules of bovine neutrophils.

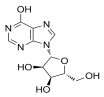
Purity: 99.22%
Clinical Data: No Development Reported
Size: 500u g, 1 mg, 5 mg

Inosine

Cat. No.: HY-N0092

Bioactivity: Inosine, an endogenous purine nucleoside, has immunomodulatory, neuroprotective, and analgesic properties. In vitro: Inosine has been shown to stimulate axonal growth in cell culture and promote corticospinal tract axons to sprout collateral branches after stroke, spinal cord injury and TBI...

Purity: 98.0%
Clinical Data: Phase 3
Size: 10mM x 1mL in DMSO, 1 g, 10 g, 25 g, 100 g

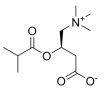


Isobutyryl-L-carnitine

Cat. No.: HY-113165

Bioactivity: Isobutyryl-L-carnitine is a product of the acyl-CoA dehydrogenases. Isobutyryl-L-carnitine is a member of the class of compounds known as acyl carnitines.

Purity: >98%
Clinical Data: No Development Reported
Size: 5 mg

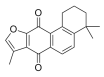


Isotanshinone IIA

Cat. No.: HY-N6650

Bioactivity: Isotanshinone IIA, an abietane-type diterpene metabolite, could non-competitively inhibit Protein Tyrosine Phosphatase 1B (**PTP1B**) activity with an **IC_{50}** 0f 11.4 μM.

Purity: >98%
Clinical Data: No Development Reported
Size: 5 mg



Isotretinoin

(13-cis-Retinoic acid)

Cat. No.: HY-15127

Bioactivity: Isotretinoin(13-cis-Retinoic acid) is a medication used for the treatment of severe acne. It was first developed to be used as a chemotherapy medication for the treatment of brain cancer, pancreatic cancer and more. Target: RAR/RXR Isotretinoin has been the most effective and long-lasting drug...

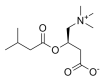
Purity: 94.86%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 100 mg, 500 mg

Isovalerylcarnitine

Cat. No.: HY-113221

Bioactivity: Isovalerylcarnitine is a product of the catabolism of L-leucine. It increases calpain activity.

Purity: 99.0%
Clinical Data:
Size: 10mM x 1mL in DMSO, 5 mg



Kassinin

Cat. No.: HY-P0250

Bioactivity: Kassinin is a peptide derived from the Kassina frog. It belongs to tachykinin family of neuropeptides. It is secreted as a defense response, and is involved in neuropeptide signalling.

Purity: >98%
Clinical Data: No Development Reported
Size: 1 mg, 5 mg, 10 mg, 25 mg

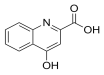
Kynurenic acid

(Quinurenic acid)

Cat. No.: HY-100806

Bioactivity: Kynurenic acid, an endogenous tryptophan metabolite, is a broad-spectrum antagonist targeting <b >NMDA, glutamate, α7 nicotinic acetylcholine receptor. Kynurenic acid is also a selective ligand of the **GPR35** receptor.

Purity: 98.75%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 100 mg, 500 mg



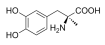
L-(-)-α-Methyldopa

(MK-351; Methyldopa)

Cat. No.: HY-B0225

Bioactivity: Methyldopa is an alpha-adrenergic agonist (selective for α2-adrenergic receptors) psychoactive drug used as a sympatholytic or antihypertensive. Target: alpha-adrenergic agonist Methyldopa is an alpha-adrenergic agonist (selective for α2-adrenergic receptors) psychoactive drug used as a...

Purity: >98%
Clinical Data: Launched
Size: 1 g



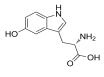
L-5-Hydroxytryptophan

(L-5-HTP; Oxitriptan)

Cat. No.: HY-B1716

Bioactivity: L-5-Hydroxytryptophan (L-5-HTP), a naturally occurring amino acid and a dietary supplement for use as an antidepressant, appetite suppressant, and sleep aid, is the immediate precursor of the neurotransmitter serotonin and a **reserpine** antagonist [1]. L-5-Hydroxytryptophan (L-5-HTP) is used to...

Purity: 99.75%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 100 mg



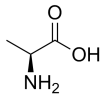
L-Alanine

(L-2-Aminopropionic acid)

Cat. No.: HY-N0229

Bioactivity: L-Alanine is a non-essential amino acid, involved in sugar and acid metabolism, increases immunity, and provides energy for muscle tissue, brain, and central nervous system.

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 g

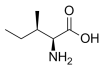


L-Alloisoleucine

((3R)-LS-Isoleucine; L-Allo-isoleucine) Cat. No.: HY-I1060

Bioactivity: L-Alloisoleucine is a branched chain amino acid and is a stereo-isomer of L-isoleucine. L-Alloisoleucine is a common constituent of human plasma (albeit at low levels).

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 25 mg

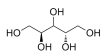


L-Arabinitol

Cat. No.: HY-W040141

Bioactivity: L-Arabinitol is a potential biomarker for the comsuption of the food products such as sweet potato, deerberry, moth bean, and is also associated with Alzheimer's disease and ribose-5-phosphate isomerase deficiency.

Purity: 97.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 1 g



L-Arginine

((S)-(+)-Arginine) Cat. No.: HY-N0455

Bioactivity: L-Arginine is the nitrogen donor for synthesis of nitric oxide, a potent vasodilator that is deficient during times of sickle cell crisis. Target: Others L-Arginine is an α-amino acid. It was first isolated in 1886. The L-form is one of the 20 most common natural amino acids. At the level of molecular...

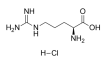
Purity: 98.0%
Clinical Data: Phase 4
Size: 10mM x 1mL in Water, 1 g, 5 g, 100 g, 500 g

L-Arginine hydrochloride

((S)-(+)-Arginine hydrochloride) Cat. No.: HY-N0455A

Bioactivity: L-Arginine is the nitrogen donor for synthesis of nitric oxide, a potent vasodilator that is deficient during times of sickle cell crisis. Target: Others Arginine is an α-amino acid. It was first isolated in 1886. The L-form is one of the 20 most common natural amino acids. At the level of molecular...

Purity: 98.0%
Clinical Data: Launched
Size: 10mM x 1mL in Water, 1 g, 5 g

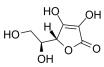


L-Ascorbic acid

(L-Ascorbate; Vitamin C) Cat. No.: HY-B0166

Bioactivity: L-Ascorbic acid is an effective reducing agent and donor antioxidant.

Purity: 99.89%
Clinical Data: Launched
Size: 10mM x 1mL in Water, 1 g

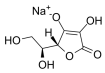


L-Ascorbic acid sodium salt ((+)-Sodium L-ascorbate; Vitamin C sodium salt; Sodium L-ascorbate)

Cat. No.: HY-B0166A

Bioactivity: L-Ascorbic acid (sodium) is a more bioavailable form of vitamin C that is an antioxidant agent.

Purity: 98.0%
Clinical Data: Phase 4
Size: 10mM x 1mL in Water, 1 g



L-Aspartic acid

Cat. No.: HY-N0666

Bioactivity: L-Aspartic acid is is an amino acid, shown to be a suitable prodrug for colon-specific drug deliverly.

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in Water, 1 g

L-Carnitine

(Levocarnitine) Cat. No.: HY-B0399

Bioactivity: L-carnitine is constituent of striated muscle and liver. It is used therapeutically to stimulate gastric and pancreatic secretions and in the treatment of hyperlipoproteinemias. Target: Others L-Carnitine is an endogenous molecule involved in fatty acid metabolism, biosynthesized within the human body...

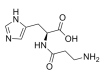
Purity: 98.0%
Clinical Data: Launched
Size: 5 g, 10 g

L-Carnosine

Cat. No.: HY-W013494

Bioactivity: L-Carnosine is a dipeptide of the amino acids beta-alanine and histidine and has the potential to suppress many of the biochemical changes that accompany aging.

Purity: >98%
Clinical Data: No Development Reported
Size: 100 mg

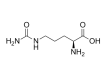


L-Citrulline

Cat. No.: HY-N0391

Bioactivity: L-Citrulline is an amino acid derived from ornithine in the catabolism of proline or glutamine and glutamate, or from l-arginine via arginine-citrulline pathway.

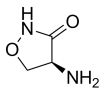
Purity: 97.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in Water, 1 g



L-Cycloserine

((S)-4-Amino-3-isoxazolidone; (S)-Cycloserine) Cat. No.: HY-B1122

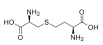
Bioactivity: L-cycloserine irreversibly inhibit GABA pyridoxal 5′-phosphate-dependent aminitransferase in E. coli, as well in the brains of various animals in a time-dependent manner, results in increased levels of gamma-aminobutyric acid (GABA), which is an inhibitory neurotransmitter in vivo.
Purity: 99.50%
Clinical Data: No Development Reported
Size: 10mM x 1mL in Water, 10 mg, 50 mg, 100 mg



L-Cystathionine

Cat. No.: HY-W009749

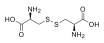
Bioactivity: L-Cystathionine is a key nonprotein amino acid related to metabolic conditions.
Purity: 99.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg



L-Cystine

Cat. No.: HY-N0394

Bioactivity: L-Cystine is an amino acid and intracellular thiol, which plays a critical role in the regulation of cellular processes.
Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 1 g



L-DABA

(L-2,4-Diaminobutyric acid) Cat. No.: HY-101414

Bioactivity: L-DABA (L-2,4-Diaminobutyric acid) is a week **GABA** transaminase inhibitor with an $\mathbf{IC_{50}}$ of larger than 500 μM; exhibits antitumor activity in vivo and in vitro.
Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in Water, 100 mg

L-Glutamine

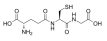
(L-Glutamic acid 5-amide) Cat. No.: HY-N0390

Bioactivity: L-Glutamine is a non-essential amino acid present abundantly throughout the body and is involved in gastrointestinal disorders. Target: mGluR Glutamine (abbreviated as Gln or Q) is one of the 20 amino acids encoded by the standard genetic code. It is not recognized as an essential amino acid, but may...
Purity: 98.0%
Clinical Data: Phase 4
Size: 10mM x 1mL in Water, 100 mg, 500 mg

L-Glutathione reduced

(GSH; γ-L-Glutamyl-L-cysteinyl-glycine) Cat. No.: HY-D0187

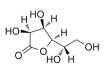
Bioactivity: L-Glutathione reduced (GSH; γ-L-Glutamyl-L-cysteinyl-glycine) is an endogenous antioxidant and is capable of scavenging oxygen-derived free radicals.
Purity: 99.83%
Clinical Data: No Development Reported
Size: 1 g, 5 g



L-Gulono-1,4-lactone

Cat. No.: HY-W016628

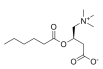
Bioactivity: L-Gulono-1,4-lactone is a substrate of L-gulono-1,4-lactone oxidoreductase, which catalyzes the last step of the biosynthesis of L-ascorbic (Vatamin) C. In other words, L-Gulono-1,4-lactone is a direct precursor of vitamin C in animals, in plants and in some protists.
Purity: 97.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in Water, 1 g



L-Hexanoylcarnitine

Cat. No.: HY-113144

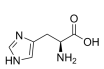
Bioactivity: L-Hexanoylcarnitine is an acylcarnitine and is found to be associated with celiac disease.
Purity: >98%
Clinical Data: No Development Reported
Size: 5 mg, 10 mg



L-Hisidine

Cat. No.: HY-N0832

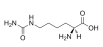
Bioactivity: L-Hisidine is an essential amino acid for infants. L-Hisidine is an inhibitor of **mitochondrial glutamine transport**.
Purity: 99.94%
Clinical Data: No Development Reported
Size: 10mM x 1mL in Water, 1 g



L-Homocitrulline

Cat. No.: HY-W018004

Bioactivity: L-Homocitrulline is metabolized to homoarginine through homoargininosuccinate via the urea cycle pathway and its metabolic abnormality could lead to Lysinuric Protein Intolerance (LPI).
Purity: 97.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 100 mg

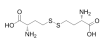


L-Homocystine

Cat. No.: HY-W011690

Bioactivity: L-Homocystine is the oxidized member of the L-homocysteine. Homocysteine is a pro-thrombotic factor, vasodilation impairing agent, pro-inflammatory factor and endoplasmatic reticulum-stress inducer used to study cardiovascular disease mechanisms.

Purity: 98.0%
Clinical Data: No Development Reported
Size: 100 mg

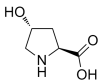


L-Hydroxyproline

Cat. No.: HY-40135

Bioactivity: L-Hydroxyproline, one of the hydroxyproline (Hyp) isomers, is a useful chiral building block in the production of many pharmaceuticals.

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 g

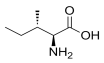


L-Isoleucine

Cat. No.: HY-N0771

Bioactivity: L-isoleucine is a nonpolar hydrophobic amino acid [1]. L-Isoleucine is an essential amino acid.

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in Water, 100 mg



L-Kynurenine

Cat. No.: HY-104026

Bioactivity: L-Kynurenine is a metabolite of the amino acid L-tryptophan. L-Kynurenine is an **aryl hydrocarbon receptor** agonist.

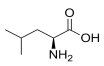
Purity: 99.40%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 50 mg

L-Leucine

Cat. No.: HY-N0486

Bioactivity: L-Leucine is an essential branched-chain amino acid (BCAA), which activates the **mTOR** signaling pathway [1].

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in Water, 100 mg

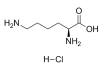


L-Lysine hydrochloride

Cat. No.: HY-N0470

Bioactivity: L-lysine hydrochloride is an essential amino acid for humans with various benefits including treating herpes, increasing calcium absorption, reducing diabetes-related illnesses and improving gut health.

Purity: 98.0%
Clinical Data: Phase 3
Size: 10mM x 1mL in DMSO, 5 g

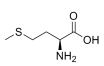


L-Methionin

Cat. No.: HY-N0326

Bioactivity: L-Methionine is the L-isomer of Methionine, an essential amino acid for human development. Methionine acts as a hepatoprotectant.

Purity: 98.60%
Clinical Data: No Development Reported
Size: 10mM x 1mL in Water, 1 g



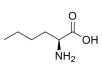
L-Norleucine

(S)-2-Aminohexanoic acid; (S)-Norleucine)

Cat. No.: HY-Y0017

Bioactivity: L-Norleucine is an isomer of leucine, specifically affects protein synthesis in skeletal muscle, and has antivirus activity.

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in Water, 1 g

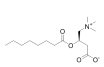


L-Octanoylcarnitine

Cat. No.: HY-113161

Bioactivity: L-Octanoylcarnitine is the physiologically active form of octanoylcarnitine.

Purity: >98%
Clinical Data: No Development Reported
Size: 5 mg

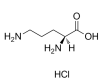


L-Ornithine Hydrochloride

Cat. No.: HY-W017018

Bioactivity: L-Ornithine Hydrochloride is a free amino acid that plays a central role in the urea cycle and is also important for the disposal of excess nitrogen.

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 100 mg, 500 mg

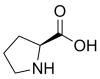


L-Proline

Cat. No.: HY-Y0252

Bioactivity: L-Proline is one of the twenty amino acids used in living organisms as the building blocks of proteins.

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 g



L-SelenoMethionine

Cat. No.: HY-B1000A

Bioactivity: L-SelenoMethionine is a major natural food-form of selenium. Target The median lethal dose (LD50) of L-SelenoMethionine in rats given an intraperitoneal injection was determined to 4.25 mg Se/kg body and thus is comparable to that of selenite or selenate. In mice, the LD50 of L-SelenoMethionine was 8.8 ±...

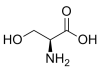
Purity: 98.0%
Clinical Data: Launched
Size: 10mM x 1mL in Water, 100 mg, 500 mg

L-Serine ((-)-Serine; (S)-2-Amino-3-hydroxypropanoic acid; (S)-Serine)

Cat. No.: HY-N0650

Bioactivity: L-Serine, one of the so-called non-essential amino acids, plays a central role in cellular proliferation.

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in Water, 1 g



L-Thyroxine (Levothyroxine; T4)

Cat. No.: HY-18341

Bioactivity: L-Thyroxine (Levothyroxine; T4) is a synthetic hormone in the treatment of hypothyroidism. DIO enzymes convert biologically active thyroid hormone (Triiodothyronine,T3) from L-Thyroxine (T4).

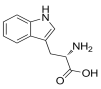
Purity: 98.0%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 500 mg, 1 g

L-Tryptophan (Tryptophan; Tryptophane)

Cat. No.: HY-N0623

Bioactivity: L-Tryptophan (Tryptophan) is an essential amino acid that is the precursor of serotonin, melatonin, and vitamin B3 [1].

Purity: 99.97%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 100 mg



L-Tyrosine

Cat. No.: HY-N0473

Bioactivity: L-Tyrosine is a non-essential amino acid which can inhibit **citrate synthase** activity in the posterior cortex.

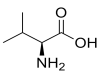
Purity: 99.01%
Clinical Data: Phase 2
Size: 200 mg, 500 mg

L-Valine

Cat. No.: HY-N0717

Bioactivity: L-Valine is one of 20 proteinogenic amino acids. L-Valine is an essential amino acid.

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in Water, 100 mg

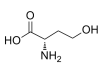


L-Homoserine

Cat. No.: HY-W002292

Bioactivity: L-Homoserine is a non - protein amino acid, which is an important biosynthetic intermediate of threonine, methionine and lysine.

Purity: 97.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 100 mg

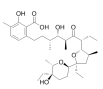


Lasalocid (Antibiotic X-537A; Lasalocid-A; X-537A; Ionophore X-537A)

Cat. No.: HY-B1071

Bioactivity: Lasalocid is an antibacterial agent and a coccidiostat, used in the feed additives

Purity: 98.03%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg, 25 mg

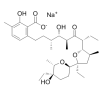


Lasalocid sodium (Sodium lasalocid)

Cat. No.: HY-B1071A

Bioactivity: In vitro: Lasalocid sodium treatment led to an increase in cell wall thickness, whilst the quantity and sugar composition of the cell wall remained unchanged in BY-2 cells. Lasalocid sodium treatment enhances enzymatic saccharification efficiency in both BY-2 cells and Arabidopsis plants. [1]

Purity: 97.17%
Clinical Data: No Development Reported
Size: 10 mg, 50 mg, 100 mg

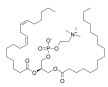


Lecithin

Cat. No.: HY-B2235

Bioactivity: Lecithin is regarded as a safe, conventional phospholipid source. Phospholipids are reported to alter the fatty acid composition and microstructure of the membranes in animal cells.

Purity: 98.0%
Clinical Data: Launched
Size: 100 mg, 500 mg, 250 g

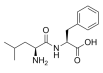


Leucyl-phenylalanine

Cat. No.: HY-113278

Bioactivity: Leucyl-phenylalanine belongs to the class of organic compounds known as dipeptides.

Purity: 97.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 50 mg

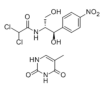


Levomecol

Cat. No.: HY-111903

Bioactivity: Levomecol (Chloramphenicol), made up of Chloramphenicol, Methyluracil, is a broad-spectrum antibiotic that is derived from the bacterium Streptomyces venezuelae. Levomecol (Chloramphenicol)) stops bacterial growth by binding to the bacterial ribosome (blocking peptidyl transferase) and...

Purity: >98%
Clinical Data: No Development Reported
Size:

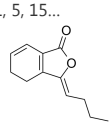


Ligustilide

Cat. No.: HY-N0401

Bioactivity: Ligustilide is an effective constituent extracted from Angelica sinensis. IC50 value: Target: In vitro: To investigate the neuroprotective of ligustilide (LIG) against glutamate-induced apoptosis of PC12 cells, cell viability were examined by MTT assay. Pretreatment with ligustilide (1, 5, 15...

Purity: 98.49%
Clinical Data: No Development Reported
Size: 1 mg, 5 mg, 10 mg



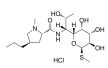
Lincomycin hydrochloride

(U10149A)

Cat. No.: HY-B0417A

Bioactivity: Lincomycin Hydrochloride(U10149A) is an antibiotic produced by Streptomyces lincolnensis var. lincolnensis. Target: Antibacterial Lincomycin hydrochloride is a systemic antibiotic, which is active against most common gram positive bacteria. It has proved to be excellent for infectious...

Purity: >98%
Clinical Data: Launched
Size: 1 g, 5 g



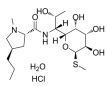
Lincomycin hydrochloride hydrate

(Lincomycin hydrochloride monohydrate)

Cat. No.: HY-B1358

Bioactivity: Lincomycin hydrochloride monohydrate is a narrow-spectrum antibiotic, has similar effects to erythromycin, which has a good effect on gram-positive coccus, mainly used to inhibit the synthesis of bacterial cell protein.

Purity: 98.0%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 250 mg

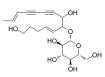


Lobetyolin

Cat. No.: HY-N0327

Bioactivity: Lobetyolin is derived from Codonopsis pilosula and has antioxidative effect.

Purity: 99.88%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg

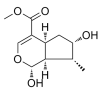


Loganetin

Cat. No.: HY-N3373

Bioactivity: Loganetin is a non-toxic natural product that may be applied in the antibacterial drug development for treating multidrug-resistant Gram negative infections.

Purity: >98%
Clinical Data: No Development Reported
Size: 5 mg, 10 mg

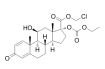


Loteprednol Etabonate

Cat. No.: HY-17358

Bioactivity: Loteprednol Etabonate is an anti-inflammatory corticosteroid used in optometry and ophthalmology.

Purity: 98.0%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 10 mg, 50 mg, 100 mg



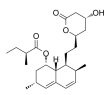
Lovastatin

(Mevinolin)

Cat. No.: HY-N0504

Bioactivity: Lovastatin is a cell-permeable **HMG-CoA reductase** inhibitor used to lower cholesterol.

Purity: 99.47%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 10 mg, 50 mg, 100 mg, 200 mg



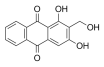
Lucidin

(NSC 30546)

Cat. No.: HY-15733

Bioactivity: Lucidin (NSC 30546) is a natural component of Rubia tinctorum L. lucidin is mutagenic in bacteria and mammalian cells.

Purity: 96.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg, 50 mg, 100 mg



Lycopene

Cat. No.: HY-N0287

Bioactivity: Lycopene is naturally occurring carotenoids found in tomato, tomato products, and in other red fruits and vegetables; exhibits antioxidant effects.

Purity: 98.0%
Clinical Data: Phase 4
Size: 5 mg, 10 mg, 25 mg, 50 mg

LysoPC(14:0/0:0)

Cat. No.: HY-113123

Bioactivity: LysoPC(14:0/0:0) is a lysophospholipid (LyP). It is a monoglycerophospholipid in which a phosphorylcholine moiety occupies a glycerol substitution site.

Purity: >98%
Clinical Data: No Development Reported
Size: 5 mg, 10 mg

Lysozyme from chicken egg white

Cat. No.: HY-B2237

Bioactivity: Lysozyme from chicken egg white is a **bactericidal** enzyme present in chicken eggs, and it lyses gram-positive bacteria. IC50 & Target: Bacteria [1] **In Vitro:** Lysozyme is an ubiquitous enzyme. The hen egg is the most abundant source of lysozyme, which constitutes approximately 3.4% of the albumen...

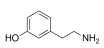
Purity:
Clinical Data: No Development Reported
Size: 1 g, 5 g, 10 g

m-Tyramine

Cat. No.: HY-113356

Bioactivity: m-Tyramine is an endogenous trace amine neuromodulator. m-Tyramine has effects on the **adrenergic** and **dopaminergic** receptor.

Purity: >98%
Clinical Data: No Development Reported
Size: 5 mg



Magainin 1

Cat. No.: HY-P0269

Bioactivity: Magainin 1 is an **antimicrobial** peptide discovered in the skin of Xenopus laevis.

Purity: >98%
Clinical Data: No Development Reported
Size: 500u g, 1 mg, 5 mg, 10 mg

Magainin 2

Cat. No.: HY-P0270

Bioactivity: Magainin 2 is an **antimicrobial** peptide discovered in the skin of Xenopus laevis.

Purity: 99.23%
Clinical Data: No Development Reported
Size: 500u g, 1 mg, 5 mg, 10 mg

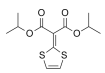
Malotilate

(NKK 105)

Cat. No.: HY-A0060

Bioactivity: Malotilate is a liver protein metabolism improved compound, which selectively inhibit the 5-lipoxygenase.

Purity: 99.54%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 10 mg, 50 mg, 100 mg



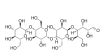
Maltotetraose

(Amylotetraose; Fujioligo 450; α-1,4-Tetraglucose)

Cat. No.: HY-N2464

Bioactivity: Maltotetraose can be used as a substrate for the enzyme-coupled determination of amylase activity in biological fluids.

Purity: 99.59%
Clinical Data:
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg

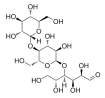


Maltotriose

Cat. No.: HY-113011

Bioactivity: Maltotriose is a ligosaccharide metabolite found in human urine.

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in Water, 100 mg



Mastoparan

Cat. No.: HY-P0246

Bioactivity: Mastoparan, a tetradecapeptide which is a component of wasp venom, stimulates release of prolactin from cultured rat anterior pituitary cells.

Purity: 98.15%
Clinical Data: No Development Reported
Size: 1 mg, 5 mg, 10 mg, 25 mg

Melanin

Cat. No.: HY-113485

Bioactivity: Melanin is a unique pigment with myriad functions. It is multifunctional, providing defense against environmental stresses such as ultraviolet (UV) light, oxidizing agents and ionizing radiation.

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 10 mg

Melanin

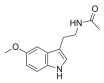
Melatonin

(N-Acetyl-5-methoxytryptamine)

Cat. No.: HY-B0075

Bioactivity: Melatonin is a hormone made by the pineal gland that can activates **melatonin receptor**. Melatonin plays a role in sleep and possesses important antioxidative and anti-inflammatory properties.

Purity: 98.95%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 1 g, 5 g



Menaquinone-4

(Vitamin K2; Menaquinone K4)

Cat. No.: HY-B2156

Bioactivity: Menaquinone-4 is a vitamin K, used as a hemostatic agent, and also a adjunctive therapy for the pain of osteoporosis.

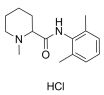
Purity: 99.81%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 100 mg, 250 mg

Mepivacaine hydrochloride

Cat. No.: HY-B0517A

Bioactivity: Mepivacaine is a tertiary amine used as a local anesthetic.

Purity: 99.83%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 1 g, 5 g

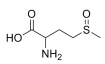


Methionine sulfoxide

Cat. No.: HY-W010104A

Bioactivity: Methionine sulfoxide is an oxidation product of methionine with reactive oxygen species and can be regarded as a biomarker of oxidative stress in vivo.

Purity: >98%
Clinical Data:
Size: 1 g



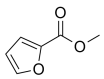
Methyl 2-furoate

(Methyl furan-2-carboxylate)

Cat. No.: HY-Y0949

Bioactivity: Methyl 2-furoate (Methyl furan-2-carboxylate) is a building block in chemical synthesis. A flavoring agent in food. Found in cranberries, guava fruits, raisins and other fruits. Also present in baked potato, roasted filberts, roasted peanut, tomatoes, coffee, cocoa, okra, etc.

Purity: 99.75%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 50 mg



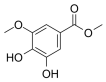
Methyl 3-O-methylgallate

(M3OMG)

Cat. No.: HY-N6669

Bioactivity: Methyl 3-O-methylgallate (M3OMG) possesses antioxidant effect and can protect neuronal cells from oxidative damage [1].

Purity: >98%
Clinical Data: No Development Reported
Size:



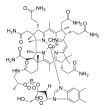
Methylcobalamin

(CH3-B12)

Cat. No.: HY-B0586

Bioactivity: Methylcobalamin (CH3-B12), a cobalamin, is a form of vitamin B12.

Purity: 98.0%
Clinical Data: Phase 4
Size: 10mM x 1mL in DMSO, 100 mg, 500 mg



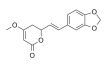
Methysticin

(DL-Methysticin; (±)-Methystici)

Cat. No.: HY-N0922

Bioactivity: Methysticin is a major kavalactone in kava extract to induce **CYP1A1**.

Purity: >98%
Clinical Data: No Development Reported
Size: 5 mg, 10 mg

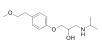


Metoprolol

Cat. No.: HY-17503

Bioactivity: Metoprolol (Toprol) is a selective β1 receptor blocker used in treatment of several diseases of the cardiovascular system, especially hypertension. IC50 value: Target: β1 receptor

Purity: >98%
Clinical Data: Launched
Size: 100 mg

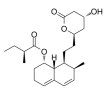


Mevastatin

(Compactin; ML236B) Cat. No.: HY-17408

Bioactivity: Mevastatin (Compactin; ML236B) inhibits HMGCR (HMG-CoA reductase) (Ki for acid form is 1 nM) which in turn inhibits isoprenoid biosynthesis and therefore blocks protein isoprenylation and reduces plasma cholesterol levels in humans. IC50 value: 1 nM (Ki) Target: HMGCR Mevastatin induces...

Purity: 98.45%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 10 mg, 50 mg

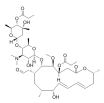


Midecamycin

(SF-837; Antibiotic SF-837) Cat. No.: HY-B1908

Bioactivity: Midecamycin, an acetoxy-substituted macrolide antibiotic, is tested against gram-positive and gram-negative bacteria.

Purity: 98.0%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 50 mg, 100 mg

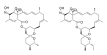


Milbemycin oxime

Cat. No.: HY-B0778

Bioactivity: Milbemycin oxime is a veterinary drug from the group of milbemycins, used as a broad spectrum antiparasitic.

Purity: 99.45%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 10 mg, 50 mg, 100 mg, 200 mg

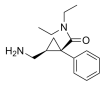


Milnacipran

Cat. No.: HY-B0168

Bioactivity: Milnacipran is a serotonin-norepinephrine reuptake inhibitor (SNRI) used in the clinical treatment of fibromyalgia.

Purity: >98%
Clinical Data: Launched
Size: 10 mg, 50 mg, 100 mg

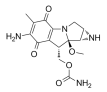


Mitomycin C

(Ametycine) Cat. No.: HY-13316

Bioactivity: Mitomycin C is an antitumor drug and antibiotic that shows extraordinary ability to inhibit **DNA synthesis**. Mitomycin C is a DNA cross-linking agent, which induces DNA damaging.

Purity: 99.45%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg, 50 mg, 100 mg, 200 mg, 500 mg

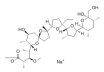


Monensin sodium salt

(Monensin A sodium salt) Cat. No.: HY-N0150

Bioactivity: Monensin sodium salt is an antibiotic secreted by the bacteria Streptomyces cinnamonensis.

Purity: 98.0%
Clinical Data: Launched
Size: 10mM x 1mL in Ethanol, 100 mg

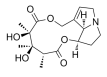


Monocrotaline

(Crotaline) Cat. No.: HY-N0750

Bioactivity: Monocrotaline is an pyrrolizidine alkaloid extracted from the seeds of the Crotalaria spectabilis plant to induce pulmonary hypertension in rodents.

Purity: 98.0%
Clinical Data: Phase 4
Size: 10mM x 1mL in DMSO, 50 mg, 100 mg, 200 mg

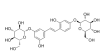


Mulberroside A

Cat. No.: HY-N0619

Bioactivity: Mulberroside A, the major active anti-tyrosinase compound in the root bark extract of Morus alba L. (Moraceae), is widely employed as an active ingredient in whitening cosmetics. IC50 value: 1.29 μmol/L (inhibition of the monophenolase activity); KI value: 0.385 μmol/L (the inhibition constant of the...

Purity: 99.53%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg, 50 mg



Mupirocin

(BRL-4910A; Pseudomonic acid) Cat. No.: HY-B0958

Bioactivity: Mupirocin(BRL-4910A) is an antibiotic of the monoxycarbolic acid class; effective against Gram-positive bacteria, including MRSA.

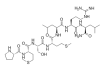
Purity: 98.07%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 10 mg, 50 mg

Myomodulin

Cat. No.: HY-P0268

Bioactivity: Myomodulin is a neuropeptide present in molluscs, insects, and gastropods.

Purity: >98%
Clinical Data: No Development Reported
Size: 1 mg, 5 mg, 10 mg

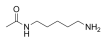


N-(5-Aminopentyl)acetamide

(Monoacetylcadaverine) Cat. No.: HY-101403

Bioactivity: N-(5-Aminopentyl)acetamide is the acetylated form of the polyamine cadaverine.

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 100 mg

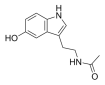


N-Acetyl-5-hydroxytryptamine

(N-Acetylserotonin; Normelatonin; O-Demethylmelatonin) Cat. No.: HY-107854

Bioactivity: N-Acetyl-5-hydroxytryptamine is a Melatonin precursor, and that it can potently activate **TrkB** receptor.

Purity: >98%
Clinical Data:
Size: 50 mg

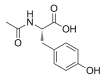


N-Acetyl-L-tyrosine

Cat. No.: HY-W012382

Bioactivity: N-Acetyl-L-tyrosine originates from tyrosine through an AA acetylase, is associated with aromatic L-amino acid decarboxylase deficiency and tyrosinemia I.

Purity: 98.50%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 g

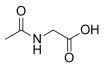


N-Acetylglycine

(Acetamidoacetic acid; Aceturic acid) Cat. No.: HY-Y0069

Bioactivity: N-Acetylglycine is a minor constituent of numerous foods with no genotoxicity or acute toxicity. N-acetylglycine is used in biological research of peptidomimetics.

Purity: 97.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 g



N-Acetylneuraminic acid

(NANA; Lactaminic acid) Cat. No.: HY-I0400

Bioactivity: N-Acetylneuraminic acid is a nine-carbon, sialic acid monosaccharide commonly found in glycoproteins on cell membranes and in glycolipids such as gangliosides in mammalian cells. Studies suggest that N-Acetylneuraminic acid is useful biologically in neurotransmission, leukocyte extravasation,...

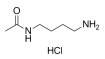
Purity: 95.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in Water, 100 mg, 1 g

N-Acetylputrescine hydrochloride

Cat. No.: HY-113100

Bioactivity: N-Acetylputrescine hydrochloride is a putrescine derivative.

Purity: 99.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg

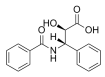


N-Benzoyl-(2R,3S)-3-phenylisoserine

Cat. No.: HY-N2380

Bioactivity: N-Benzoyl-(2R,3S)-3-phenylisoserine is a Taxol C-13 Side Chain and crucial for the strong antitumor activity of Taxol [1].

Purity: 99.97%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 10 mg

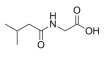


N-Isovaleroylglycine

Cat. No.: HY-W015464

Bioactivity: N-Isovaleroylglycine is an acyl glycine and could be used as a biomarker for the predispositon for weight gain and obesity.

Purity: 97.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 100 mg

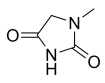


N-Methylhydantoin

Cat. No.: HY-113382

Bioactivity: N-Methylhydantoin is a product of degradation of creatinine by bacteria.

Purity: 99.92%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 100 mg



N-Oleoyl glycine

Cat. No.: HY-113204

Bioactivity: N-Oleoyl glycine is a lipoamino acid, which stimulates adipogenesis associated with activation of **CB1 receptor** and **Akt** signaling pathway in 3T3-L1 adipocyte.

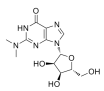
Purity: >98%
Clinical Data:
Size: 10 mg

N2,N2-Dimethylguanosine

Cat. No.: HY-113137

Bioactivity: N2,N2-Dimethylguanosine is an urinary nucleoside, a primary degradation product of tRNA.

Purity: 99.30%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg



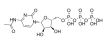
N4-Acetylcytidine triphosphate

(ac4CTP)

Cat. No.: HY-111815

Bioactivity: N4-Acetylcytidine triphosphate is a endogenous nucleoside metabolite from the degradation of tRNA, primes and activates **NLRP3** inflammation by inducing HMGB1 expression [1].

Purity: >98%
Clinical Data: No Development Reported
Size: 500 mg, 250 mg

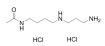


N8-Acetylspermidine dihydrochloride

Cat. No.: HY-113253A

Bioactivity: N8-Acetylspermidine dihydrochloride is a polyamine.

Purity: >98%
Clinical Data: No Development Reported
Size: 5 mg

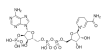


NADP

Cat. No.: HY-113325

Bioactivity: NADP is nicotinamide adenine dinucleotide phosphate, acting as a key cofactor for electron transfer in the metabolism of all organisms, being alternately oxidized ($NADP^+$) and reduced (NADPH).

Purity: >98%
Clinical Data: No Development Reported
Size: 50 mg



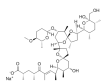
Nanchangmycin

(Nanchangmycin A)

Cat. No.: HY-100528

Bioactivity: Nanchangmycin, produced by Streptomyces nanchangensis NS3226, inhibits gram-positive bacteria. Nanchangmycin is a broad spectrum antiviral active against Zika virus.

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 2 mg, 5 mg, 10 mg, 50 mg, 100 mg



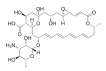
Natamycin

(Pimaricin)

Cat. No.: HY-B0133

Bioactivity: Natamycin (pimaricin) is an antifungal macrolide polyene that binds to cell membrane sterols.

Purity: 98.0%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 50 mg, 100 mg, 200 mg, 500 mg

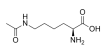


Nepsilon-Acetyl-L-lysine

Cat. No.: HY-113426

Bioactivity: Nepsilon-Acetyl-L-lysine is a derivative of the amino acid lysine.

Purity: 97.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 100 mg



Niacin

(Nicotinic acid; Vitamin B3)

Cat. No.: HY-B0143

Bioactivity: Niacin (Vitamin B3) is a water-soluble vitamin and is part of the vitamin B group. Target: Others Niacin (also known as vitamin B3 and nicotinic acid) is an organic compound with the formula C6H5NO2 and, depending on the definition used, one of the 20 to 80 essential human nutrients. Not enough niacin in...

Purity: 99.0%
Clinical Data: Launched
Size: 10mM x 1mL in Water, 1 g, 5 g

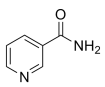
Nicotinamide

(Niacinamide; Nicotinic acid amide; Vitamin B3)

Cat. No.: HY-B0150

Bioactivity: Nicotinamide is a form of vitamin B3 that plays essential roles in cell physiology through facilitating NAD+ redox homeostasis and providing NAD+ as a substrate to a class of enzymes that catalyze non-redox reactions. Nicotinamide is an inhibitor of **SIRT1**.

Purity: 98.0%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 1 g, 5 g



Nicotinamide N-oxide

Cat. No.: HY-101407

Bioactivity: Nicotinamide N-oxide, an in vivo nicotinamide metabolite, is a potent, and selective antagonist of the **CXCR2** receptor.

Purity: 99.45%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 100 mg

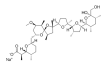
Nigericin sodium salt

(Sodium Nigericin)

Cat. No.: HY-100381

Bioactivity: Nigericin sodium salt is an antibiotic from Streptomyces hygroscopicus that works by acting as an H^+, K^+, and Pb^{2+} ionophore.

Purity: 98.0%
Clinical Data: No Development Reported
Size: 5 mg, 10 mg, 25 mg, 50 mg, 100 mg



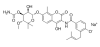
Novobiocin Sodium

(Albamycin; Cathomycin)

Cat. No.: HY-B0425A

Bioactivity: Novobiocin Sodium is an antibiotic compound derived from Streptomyces niveus. Target: Antibacterial Novobiocin, also known as albamycin or cathomycin, is an aminocoumarin antibiotic that is produced by the actinomycete Streptomyces niveus, which has recently been identified as a subjective...

Purity: 95.0%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 100 mg, 500 mg



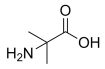
NSC 16590

(α,α-Dimethylglycine; α-Aminoisobutanoic acid)

Cat. No.: HY-Y0124

Bioactivity: NSC 16590 inhibits the production of endogenous **ethylene** in the cotyledonary segments of cocklebur.

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in Water, 5 g



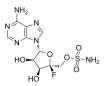
Nucleocidin

(4'-Fluoro-5'-O-sulfamoyladenosine; NSC 521007)

Cat. No.: HY-100496

Bioactivity: Nucleocidin is an antitrypanosomal antibiotic, inhibiting the transfer of labeled amino acid from S-RNA to protein.

Purity: >98%
Clinical Data: No Development Reported
Size: 250 mg, 500 mg



O-Acetylserine

(O-Acetyl-L-serine)

Cat. No.: HY-101409

Bioactivity: O-Acetylserine (O-Acetyl-L-serine) is an intermediate in the biosynthesis of the amino acid cysteine in bacteria and plants.

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in Water, 100 mg, 500 mg

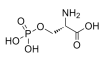
O-Phospho-L-serine

(L-Serine O-phosphate; L-SOP)

Cat. No.: HY-15129

Bioactivity: O-Phospho-L-serine is the immediate precursor to L-serine in the serine synthesis pathway, and an agonist at the **group III mGluR receptors** (mGluR4, mGluR6, mGluR7, and mGluR8); O-Phospho-L-serine also acts as a weak antagonist for **mGluR1** and a potent antagonist for **mGluR2**.

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in Water, 100 mg



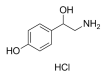
Octopamine hydrochloride

((±)-p-Octopamine hydrochlorid)

Cat. No.: HY-B0528A

Bioactivity: Octopamine Hydrochloride is an endogenous biogenic amine that is closely related to norepinephrine, and has effects on the adrenergic and dopaminergic systems.

Purity: 99.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in Water, 1 g, 5 g



Oleamide

Cat. No.: HY-N2327

Bioactivity: Oleamide is an endogenous fatty acid amide which can be synthesized de novo in the mammalian nervous system, and has been detected in human plasma.

Purity: >98%
Clinical Data: No Development Reported
Size: 10 mg, 50 mg

Oleoylethanolamide (N-(2-Hydroxyethyl)oleamide; N-Oleoyl-2-aminoethanol; N-Oleoylethanolamide; ...)

Cat. No.: HY-107542

Bioactivity: Oleoylethanolamide is a high affinity endogenous **PPAR-α** agonist, which plays an important role in the treatment of obesity and arteriosclerosis.

Purity: >98%
Clinical Data:
Size: 10mM x 1mL in DMSO, 10 mg, 50 mg

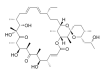
Oligomycin A

(MCH 32)

Cat. No.: HY-16589

Bioactivity: Oligomycin A, created by Streptomyces, acts as a mitochondrial **F_0F_1-ATPase** inhibitor, with a **K_i** of 1 μM; Oligomycin A shows anti-fungal activity.

Purity: 99.94%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 1 mg, 5 mg



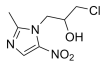
Ornidazole

(Ro 7-0207)

Cat. No.: HY-B0508

Bioactivity: Ornidazole(Ro 7-0207) is a 5-nitroimidazole derivative with antiprotozoal and antibacterial properties against anaerobic bacteria.

Purity: 99.49%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 5 g

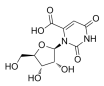


Orotidine

Cat. No.: HY-113226

Bioactivity: Orotidine is an intermediate in pyrimidine nucleotide biosynthesis in RNA and DNA, and plays a crucial role in contemporary biology.

Purity: >98%
Clinical Data:
Size: 1 mg

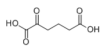


Oxoadipic acid

Cat. No.: HY-113227

Bioactivity: Oxoadipic acid is a key metabolite of the essential amino acids tryptophan and lysine.

Purity: >98%
Clinical Data:
Size: 10 mg

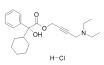


Oxybutynin chloride

Cat. No.: HY-B0267A

Bioactivity: Oxybutynin is an anticholinergic medication used to relieve urinary and bladder difficulties.

Purity: 98.24%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 100 mg, 500 mg

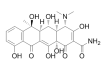


Oxytetracycline

Cat. No.: HY-B0275

Bioactivity: Oxytetracycline is a tetracycline analog isolated from the actinomycete streptomyces rimosus and used in a wide variety of clinical conditions.

Purity: 98.08%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 50 mg, 100 mg

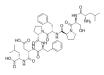


p2Ca

Cat. No.: HY-P0260

Bioactivity: p2Ca, an 8-mer peptide, is a ligand that is naturally processed and presented to the Ld-alloreactive T cell clone, 2C.

Purity: >98%
Clinical Data: No Development Reported
Size: 1 mg, 5 mg



Palmitic acid

(Hexadecoic acid)

Cat. No.: HY-N0830

Bioactivity: Palmitic acid is a long-chain saturated fatty acid commonly found in both animals and plants.

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 g

Papain

Cat. No.: HY-P1645

Bioactivity: Papain is a cysteine protease of the peptidase C1 family, which is used in food, pharmaceutical, textile, and cosmetic industries.

Purity:
Clinical Data: No Development Reported
Size: 100 mg

Papain

Parasin I

Cat. No.: HY-P0324

Bioactivity: Parasin I is a 19-amino acid histone H2A-derived peptide isolated from the skin of the catfish, and shows antimicrobial activity.

Purity: >98%
Clinical Data: No Development Reported
Size: 500u g, 1 mg, 5 mg

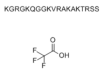
KGRGKQGGKVRAKAKTRSS

Parasin I TFA

Cat. No.: HY-P0324A

Bioactivity: Parasin I (TFA) is a 19-amino acid histone H2A-derived peptide isolated from the skin of the catfish, and shows antimicrobial activity [1].

Purity: >98%
Clinical Data: No Development Reported
Size: 500u g, 1 mg, 5 mg



Paullinic acid

Cat. No.: HY-113094

Bioactivity: Paullinic acid is a long-chain fatty acid that has been detected in multiple biofluids, such as blood and urine.

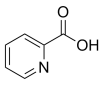
Purity: >98%
Clinical Data: No Development Reported
Size: 10 mg

PCL 016

Cat. No.: HY-I0660

Bioactivity: PCL 016 is a topical antiviral agent, which inhibits adenovirus replication in rabbit.

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 g



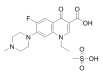
Pefloxacin mesylate

(Pefloxacinium mesylate)

Cat. No.: HY-B0147A

Bioactivity: Pefloxacin mesylate is a an antibacterial agent and prevents bacterial DNA replication by inhibiting DNA gyrase (topoisomerse)

Purity: 99.89%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 100 mg, 500 mg



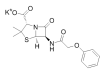
Penicillin V Potassium

(Phenoxymethylpenicillin potassium salt)

Cat. No.: HY-B0975

Bioactivity: Penicillin V Potassium is an antibiotic useful for the treatment of a number of bacterial infections, is a penicillin that is orally active, acts by inhibiting the biosynthesis of cell-wall peptidoglycan.

Purity: 98.08%
Clinical Data: Launched
Size: 100 mg



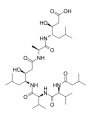
Pepstatin

(Pepstatin A)

Cat. No.: HY-P0018

Bioactivity: Pepstatin is a specific **aspartic protease** inhibitor produced by actinomycetes, with **IC_{50}**s of 4.5 nM, 6.2 nM, 150 nM, 290 nM, 520 nM and 260 nM for hemoglobin-pepsin, hemoglobin-proctase, casein-pepsin, casein-proctase, casein-acid protease and hemoglobin-acid protease,...

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10 mg, 50 mg



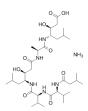
Pepstatin Ammonium

(Pepstatin A Ammonium)

Cat. No.: HY-P0018B

Bioactivity: Pepstatin Ammonium is a specific **aspartic protease** inhibitor produced by actinomycetes, with **IC_{50}**s of 4.5 nM, 6.2 nM, 150 nM, 290 nM, 520 nM and 260 nM for hemoglobin-pepsin, hemoglobin-proctase, casein-pepsin, casein-proctase, casein-acid protease and hemoglobin-acid protease,...

Purity: 99.35%
Clinical Data: No Development Reported
Size: 10 mg, 25 mg, 50 mg



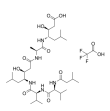
Pepstatin Trifluoroacetate

(Pepstatin A Trifluoroacetate)

Cat. No.: HY-P0018A

Bioactivity: Pepstatin Trifluoroacetate is a specific **aspartic protease** inhibitor produced by actinomycetes, with **IC_{50}**s of 4.5 nM, 6.2 nM, 150 nM, 290 nM, 520 nM and 260 nM for hemoglobin-pepsin, hemoglobin-proctase, casein-pepsin, casein-proctase, casein-acid protease and hemoglobin-acid protease,...

Purity: 99.11%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 10 mg, 50 mg



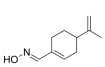
Perillartine

(DL-Perillartine)

Cat. No.: HY-N2084

Bioactivity: Perillartine is a sweetener, which activates the taste receptor type 1 member 2 (Tas1r2) subunit in a species-dependent manner.

Purity: 99.82%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 100 mg



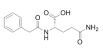
Phenylacetylglutamine

(NSC 203800; Phenylacetyl-L-glutamine)

Cat. No.: HY-W050026

Bioactivity: Phenylacetylglutamine is a colonic microbial metabolite from amino acid fermentation.

Purity: 95.74%
Clinical Data:
Size: 10mM x 1mL in DMSO, 10 mg, 50 mg



Phorbol 12-myristate 13-acetate
(PMA)

Cat. No.: HY-18739

Bioactivity: Phorbol 12-myristate 13-acetate (PMA), a phorbol ester, is an activator of **SphK** through protein kinase C (PKC) activation.

Purity: 99.08%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 1 mg, 5 mg, 10 mg, 25 mg

Physalaemin

Cat. No.: HY-P0255

Bioactivity: Physalaemin, a non-mammalian tachykinin, binds selectively to **neurokinin-1** (**NK1**) **receptor** with high affinity.

Purity: >98%
Clinical Data: No Development Reported
Size: 1 mg, 5 mg, 10 mg, 25 mg

Phytic acid (myo-Inositol, hexakis(dihydrogen phosphate); Inositol hexaphosphate)

Cat. No.: HY-N0814

Bioactivity: Phytic acid is a major phosphorus storage compound of most seeds and cereal grains.

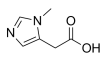
Purity:
Clinical Data: Phase 3
Size: 10mM x 1mL in Water, 250 mg

Pi-Methylimidazoleacetic acid

Cat. No.: HY-113274

Bioactivity: Pi-Methylimidazoleacetic acid is a potential neurotoxin.

Purity: >98%
Clinical Data: No Development Reported
Size: 5 mg

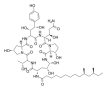


Pneumocandin B0
(L-688786)

Cat. No.: HY-17578

Bioactivity: Pneumocandin B0(L-688786), a key intermediate in the synthesis of the antifungal agent, Cancidas, has led to the identification of several materials with potential for improved performance.

Purity: 97.85%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 1 mg, 5 mg, 10 mg

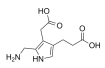


Porphobilinogen

Cat. No.: HY-W013495

Bioactivity: Porphobilinogen could act as a phototoxin, a neurotoxin, and a metabotoxin.

Purity: >98%
Clinical Data: No Development Reported
Size: 1 mg

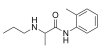


Prilocaine

Cat. No.: HY-B0137

Bioactivity: Prilocaine is a local anesthetic of the amino amide type.

Purity: 96.81%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 50 mg, 100 mg

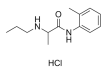


Prilocaine hydrochloride

Cat. No.: HY-B0137A

Bioactivity: Prilocaine hydrochloride is a local anesthetic of the amino amide type.

Purity: >98%
Clinical Data: Launched
Size: 100 mg, 500 mg

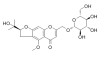


Prim-O-glucosylcimifugin

Cat. No.: HY-N0635

Bioactivity: Prim-O-glucosylcimifugin exerts anti-inflammatory effects through the inhibition of **iNOS** and **COX-2** expression by through regulating JAK2/STAT3 signaling.

Purity: 99.76%
Clinical Data: No Development Reported
Size: 5 mg, 10 mg

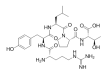


Proctolin

Cat. No.: HY-P0275

Bioactivity: Proctolin is an endogenous pentapeptide that acts as an excitatory neuromodulator.

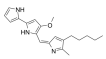
Purity: >98%
Clinical Data: No Development Reported
Size: 1 mg, 5 mg, 10 mg, 25 mg



Prodigiosin
(Prodigiosine) Cat. No.: HY-100711

Bioactivity: Prodigiosin (Prodigiosine) is a secondary metabolite of Symbiotic bacteria, with anti-fungal and anti-cancer activity [1] [2].

Purity: >98%
Clinical Data: No Development Reported
Size: 100u g



Pronase E
(Pronase) Cat. No.: HY-114158

Bioactivity: Pronase E is a mixture of proteolytic enzymes that is obtained from Streptomyces griseus and could digest protein into individual amino acids.

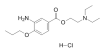
Purity:
Clinical Data: No Development Reported
Size: 10mM x 1mL in Water, 100 mg

Pronase E

Proparacaine Hydrochloride
(Proxymetacaine Hydrochloride) Cat. No.: HY-66012

Bioactivity: Proparacaine Hydrochloride is a voltage-gated sodium channels antagonist with ED50 of 3.4 mM.

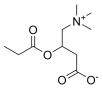
Purity: 99.56%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 100 mg



Propionylcarnitine
Cat. No.: HY-113092

Bioactivity: Propionylcarnitine is a propionyl ester of L-carnitine.

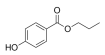
Purity: 95.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg



Propylparaben
(Propyl parahydroxybenzoate; Propyl 4-hydroxybenzoate) Cat. No.: HY-N2026

Bioactivity: Propylparaben is an antimicrobial agent, preservative, flavouring agent.

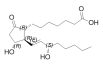
Purity: 99.76%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 1 g



Prostaglandin E1
(PGE1) Cat. No.: HY-B0131

Bioactivity: Prostaglandin E1 (PGE1) is a potent vasodilator and activates the **prostaglandin E1 (EP)** receptor.

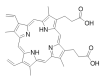
Purity: 98.0%
Clinical Data: Launched
Size: 5 mg, 10 mg, 50 mg



Protoporphyrin IX
Cat. No.: HY-B1247

Bioactivity: Protoporphyrin IX is the final intermediate in the heme biosynthetic pathway.

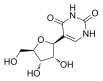
Purity: 98.0%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 100 mg



Pseudouridine
Cat. No.: HY-113061

Bioactivity: Pseudouridine, the most abundant modified nucleoside in non-coding RNAs, enhances the function of transfer RNA and ribosomal RNA by stabilizing RNA structure.

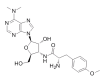
Purity: >98%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg



Puromycin
(CL13900) Cat. No.: HY-B1743

Bioactivity: Puromycin dihydrochloride is the dihydrochloride salt of puromycin. Puromycin is an aminoglycoside antibiotic that inhibits protein synthesis.

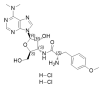
Purity: >98%
Clinical Data: No Development Reported
Size: 5 mg, 10 mg



Puromycin Dihydrochloride
(CL13900 dihydrochloride) Cat. No.: HY-B1743A

Bioactivity: Puromycin dihydrochloride is the dihydrochloride salt of puromycin. Puromycin is an aminoglycoside antibiotic that inhibits **protein synthesis**.

Purity: 99.87%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 10 mg, 50 mg



Pyridoxal phosphate

(Pyridoxal 5′-phosphate; Pyridoxyl phosphate) Cat. No.: HY-B1744

Bioactivity: Pyridoxal phosphate is the active form of vitamin B6, acts as an inhibitor of **reverse transcriptases**, and is used for the treatment of tardive dyskinesia.

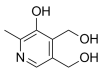
Purity: 98.22%
Clinical Data: No Development Reported
Size: 10mM x 1mL in Water, 100 mg, 1 g

Pyridoxine

(Pyridoxol; Vitamin B6) Cat. No.: HY-B1328

Bioactivity: Pyridoxine is a pyridine derivative. Pyridoxine exerts antioxidant effects in cell model of Alzheimer's disease via the Nrf-2/HO-1 pathway.

Purity: >98%
Clinical Data: No Development Reported
Size: 500 mg

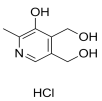


Pyridoxine hydrochloride

(Pyridoxol (hydrochloride); Vitamin B6 (hydrochloride)) Cat. No.: HY-N0682

Bioactivity: Pyridoxine hydrochloride (Pyridoxol; Vitamin B6) is a pyridine derivative. Pyridoxine (Pyridoxol; Vitamin B6) exerts antioxidant effects in cell model of Alzheimer's disease via the **Nrf-2**/HO-1 pathway.

Purity: 99.75%
Clinical Data: Launched
Size: 10mM x 1mL in Water, 100 mg

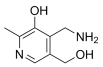


Pyridoxylamine

Cat. No.: HY-B1745

Bioactivity: Pyridoxylamine is an advanced glycation end production **(AGEs)** and lipoxidation end products **(ALEs)** inhibitor, to protect against diabetes-induced retinal vascular lesions.

Purity: >98%
Clinical Data: No Development Reported
Size: 100 mg

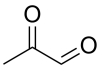


Pyruvic aldehyde

Cat. No.: HY-W020014

Bioactivity: Pyruvic aldehyde is often used as a reagent in organic synthesis, as a flavoring agent, and in tanning.

Purity: 42.0%
Clinical Data:
Size: 10mM x 1mL in DMSO, 5.8 mM * 1 mL in Water,



Rabies Virus Glycoprotein

Cat. No.: HY-P0285

Bioactivity: Rabies Virus Glycoprotein is a 29-amino-acid cell penetrating peptide derived from a rabies virus glycoprotein that can cross the blood-brain barrier (BBB) and enter brain cells.

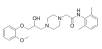
Purity: >98%
Clinical Data: No Development Reported
Size: 1 mg, 5 mg

Ranolazine

(CVT 303; RS 43285-003) Cat. No.: HY-B0280

Bioactivity: Ranolazine is an antianginal medication.

Purity: 98.38%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 100 mg, 200 mg, 500 mg



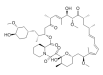
Rapamycin

(Sirolimus; AY 22989) Cat. No.: HY-10219

Bioactivity: Rapamycin (Sirolimus; AY 22989) is a potent and specific **mTOR** inhibitor with an **IC_{50}** of 0.1 nM in HEK293 cells.

Rapamycin binds to FKBP12 and specifically acts as an allosteric inhibitor of **mTORC1** [1]. Rapamycin is...

Purity: 99.93%
Clinical Data: Launched
Size: 50 mg, 100 mg, 200 mg, 500 mg, 1 g, 2 g, 5 g

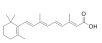


Retinoic acid

(ATRA; Tretinoin; Vitamin A acid; all-trans-Retinoic acid) Cat. No.: HY-14649

Bioactivity: Retinoic acid is a metabolite of vitamin A that plays important roles in cell growth, differentiation, and organogenesis. Retinoic acid is a natural agonist of **RAR** nuclear receptors, with **IC_{50}**s of 14 nM for RARα/β/γ. Retin...

Purity: 98.36%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 100 mg, 500 mg, 1 g, 5 g



Retinol

(Vitamin A1; all-trans-Retinol) Cat. No.: HY-B1342

Bioactivity: Retinol, also known as Vitamin A1, has pleiotropic functions including vison, immunity, hematopoiesis, reproduction, cell differentiation/growth, and development.

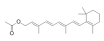
Purity:
Clinical Data: Launched
Size: 100 mg

Retinyl acetate

(Retinol acetate; Vitamin A acetate) Cat. No.: HY-N0679

Bioactivity: Retinyl acetate is a natural form of vitamin A and has potential antineoplastic and chemo preventive activities.

Purity: 99.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 100 mg, 500 mg



Retinyl palmitate

(Vitamin A palmitate; Retinol palmitate) Cat. No.: HY-B1384

Bioactivity: Retinyl palmitate is an ester of Retinol and is the major form of vitamin A found in the epidermis. Retinyl palmitate has been widely used in pharmaceutical and cosmetic formulations.

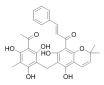
Purity: >98%
Clinical Data: No Development Reported
Size: 100 mg

Rottlerin

(Mallotoxin; NSC 56346; NSC 94525) Cat. No.: HY-18980

Bioactivity: Rottlerin, a natural product purified from Mallotus Philippinensis, is a specific **PKC** inhibitor, with IC_{50} values for PKCδ of 3-6 μM, PKCα,β,γ of 30-42 μM, PKCε,η,ζ of 80-100 μM. Rottlerin acts as a direct mitochondrial uncoupler, and stimulates autophagy by targeting a signaling cascade upstream...

Purity: 95.0%
Clinical Data: No Development Reported
Size: 10 mg, 25 mg



Ruthenium

Cat. No.: HY-W020867

Bioactivity: Ruthenium is a chemical element with symbol Ru and atomic number 44. Ruthenium is a rare transition metal belonging to the platinum group of the periodic table.

Purity: >98%
Clinical Data:
Size: 100 mg

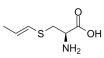
Ru

S-1-Propenyl-L-cysteine

Cat. No.: HY-111827

Bioactivity: S-1-Propenyl-L-cysteine is a stereoisomer of S-allyl-l-cysteine, extracted from garlic, with immunomodulatory effects and reduces blood pressure in a hypertensive animal model [1].

Purity: >98%
Clinical Data: No Development Reported
Size:

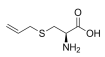


S-Allyl-L-cysteine

Cat. No.: HY-W013573

Bioactivity: S-Allyl-L-cysteine, one of the organosulfur compounds found in AGE, possess various biological effects including neurotrophic activity, anti-cancer activity, anti-inflammatory activity.

Purity: 98.64%
Clinical Data: No Development Reported
Size: 10mM x 1mL in Water, 10 mg, 25 mg, 50 mg, 100 mg

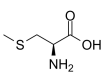


S-Methyl-L-cysteine

(L-S-Methylcysteine) Cat. No.: HY-B2188

Bioactivity: S-Methyl-L-cysteine is a natural product that acts as a substrate in the catalytic antioxidant system mediated by methionine sulfoxide reductase A (MSRA), with antioxidative, neuroprotective, and anti-obesity activities.

Purity: 95.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in Water, 100 mg

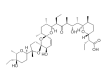


Salinomycin

(Procoxacin) Cat. No.: HY-15597

Bioactivity: Salinomycin is an anticoccidial drug with potent **anti-bacterial** activity and an novel anticancer agent targeting human cancer stem cells.

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg, 50 mg

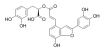


Salvianolic acid C

Cat. No.: HY-N0319

Bioactivity: Salvianolic acid C is a noncompetitive Cytochrome P4502C8 (**CYP2C8**) inhibitor and a moderate mixed inhibitor of Cytochrome P45022J2 (**CYP2J2**), with K_i**s** of 4.82 μM and 5.75 μM for CYP2C8 and CYP2J2, respectively.

Purity: 99.94%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg, 25 mg

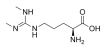


SDMA

(Symmetric dimethylarginine; NG,NG'-Dimethyl-L-arginine) Cat. No.: HY-101410

Bioactivity: SDMA (Symmetric dimethylarginine) is an endogenous inhibitor of nitric oxide (**NO**) synthase activity.

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 10 mg, 25 mg, 50 mg, 100 mg

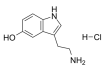


Serotonin hydrochloride

(5-Hydroxytryptamine hydrochloride; 5-HT hydrochloride) Cat. No.: HY-B1473

Bioactivity: Serotonin hydrochloride is a monoamine neurotransmitter in the CNS and an endogenous **5-HT receptor** agonist. Serotonin hydrochloride is also a **catechol O-methyltransferase** (**COMT**) inhibitor with a K_i of 44 μM.

Purity: 99.97%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 50 mg, 100 mg

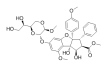


Silvestrol

((-)-Silvestrol) Cat. No.: HY-13251

Bioactivity: Silvestrol is a eukaryotic translation initiation factor 4A (**eIF4A**) inhibitor isolated from the fruits and twigs of Aglaia foveolata.

Purity: 98.00%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 1 mg, 2 mg

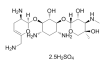


Sisomicin sulfate

Cat. No.: HY-B1222

Bioactivity: Sisomicin sulfate is an aminoglycoside antibiotic.

Purity: 98.0%
Clinical Data: Launched
Size: 10mM x 1mL in Water, 250 mg

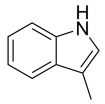


Skatole

(3-Methylindole; 3-Methyl-1H-indole) Cat. No.: HY-W007355

Bioactivity: Skatole is produced by intestinal bacteria, regulates intestinal epithelial cellular functions through activating **aryl hydrocarbon receptors** and **p38** [1].

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 100 mg



sn-Glycero-3-phosphocholine

(Choline Alfoscerate; Alpha-GPC; L-α-GPC) Cat. No.: HY-17552

Bioactivity: L-Alpha glycerylphosphorylcholine (alpha-GPC, choline alfoscerate) is a natural choline compound found in the brain and in milk. It is also a parasympathomimetic acetylcholine precursor which may have potential for the treatment of Alzheimer's disease and dementia. IC50 value: Target: Anti-AD...

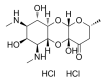
Purity: 98.0%
Clinical Data: Launched
Size: 10mM x 1mL in Water, 1 g, 5 g, 10 g

Spectinomycin dihydrochloride

Cat. No.: HY-B0438

Bioactivity: Spectinomycin is an antibiotic which acts by binding to the 30S subunit of the **bacterial** ribosome and interrupting protein synthesis.

Purity: 98.0%
Clinical Data: Launched
Size: 10mM x 1mL in Water, 1 g, 5 g, 25 g

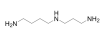


Spermidine

(N-(4-Aminobutyl)-1,3-diaminopropane) Cat. No.: HY-B1776

Bioactivity: Spermidine, a precursor of spermine, is a polyamine derived from putrescine and could help stabilize some membranes and nucleic acid structures.

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 100 mg, 5 g

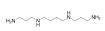


Spermine

(NSC 268508; Neuridine) Cat. No.: HY-B1777

Bioactivity: Spermine (NSC 268508) functions directly as a free radical scabenger to protect DNA from free radical attack.

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in Water, 100 mg



Sphingomyelin

Cat. No.: HY-113498

Bioactivity: Sphingomyelin is a type of sphingolipid found in animal cell membranes and implicates in the regulation of trans-membrane signaling.

Purity: >98%
Clinical Data: No Development Reported
Size: 5 mg, 10 mg

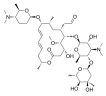
Sphingomyelin

Spiramycin

(Rovamycin) Cat. No.: HY-100593

Bioactivity: Spiramycin is a clinically important 16-member macrolide antibiotic produced by Streptomyces ambofaciens.

Purity: 98.56%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 100 mg



Squalamine
(MSI-1256) Cat. No.: HY-16468

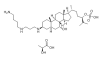
Bioactivity: Squalamine(MSI-1256) is an aminosterol compound with potent broad spectrum antiviral activity.

Purity: 98.0%
Clinical Data: Phase 3
Size: 10mM x 1mL in DMSO, 1 mg, 5 mg, 10 mg, 50 mg

Squalamine lactate
(MSI-1256F) Cat. No.: HY-16467

Bioactivity: Squalamine lactate is an aminosterol compound discovered in the tissues of the dogfish shark, with antimicrobial activity, and used for the treatment of neovascular age-related macular degeneration.

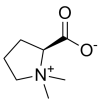
Purity: 95.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 1 mg, 5 mg, 10 mg, 50 mg



Stachydrine
Cat. No.: HY-N0298

Bioactivity: Stachydrine is a major constituent of Chinese herb leonurus heterophyllus sweet used to promote blood circulation and dispel blood stasis. Stachydrine can inhibit the **NF-κB** signal pathway.

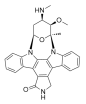
Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in Water, 10 mg, 50 mg, 100 mg



Staurosporine
(Antibiotic AM-2282; STS; AM-2282) Cat. No.: HY-15141

Bioactivity: Staurosporine is a potent and non-selective inhibitor of protein kinases with **IC_{50}**s of 6 nM, 15 nM, 2 nM, and 3 nM for **PKC**, **PKA**, **c-Fgr**, and **Phosphorylase kinase** respectively.

Purity: 99.98%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 2 mg, 5 mg, 10 mg



Stearoylcarnitine
Cat. No.: HY-113202

Bioactivity: Stearoylcarnitine is a fatty ester lipid molecule.

Purity:
Clinical Data:
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg

Stearoylethanolamide
Cat. No.: HY-113015

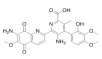
Bioactivity: Stearoylethanolamide is an endocannabinoid-like compound with pro-apoptotic activity.

Purity: >98%
Clinical Data:
Size: 5 mg

Streptonigrin
(Bruneomycin) Cat. No.: HY-124586

Bioactivity: Streptonigrin (Bruneomycin), a natural product produced by Streptomyces flocculus, possesses both anti-tumor and anti-bacterial activity. Streptonigrin acts as a **pan-PAD** inhibitor with **IC_{50}**s of 48.3±34.2 μM, 26.1±0.3 μM, 0.43±0.03 μM, and 2.5±0.4 μM for **PAD1**, **PAD2**, **PAD3**, and **PAD4**,...

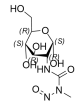
Purity: >98%
Clinical Data: No Development Reported
Size: 5 mg



Streptozocin
(Streptozotocin; U 9889) Cat. No.: HY-13753

Bioactivity: Streptozocin is a potent **DNA-methylating** agent, with **IC_{50}**s of 11.7, 904 and 1024 μg/mL in HL60, K562 and C1498 cells respectively.

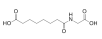
Purity: 99.58%
Clinical Data: Launched
Size: 100 mg, 500 mg



Suberylglycine
Cat. No.: HY-113367

Bioactivity: Suberylglycine is an acyl glycine, which is a normally minor metabolite of fatty acid.

Purity: >98%
Clinical Data: No Development Reported
Size: 5 mg, 10 mg



Substance P
(Neurokinin P) Cat. No.: HY-P0201

Bioactivity: Substance P is a neuropeptide, acting as a neurotransmitter and as a neuromodulator.The endogenous receptor for substance P is **neurokinin 1 receptor** (**NK1-receptor**, **NK1R**).

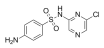
Purity: 98.07%
Clinical Data: Phase 1
Size: 1 mg, 5 mg, 10 mg, 25 mg

RPKPQQFFGLM-NH_2

Sulfaclozine
(Sulfachloropyrazine) Cat. No.: HY-19285

Bioactivity: Sulfaclozine is an efficacious sulphonamide derivative with antibacterial and anticoccidial effects.

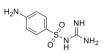
Purity: 98.98%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 100 mg



Sulfaguanidine
Cat. No.: HY-B1267

Bioactivity: Sulfaguanidine is a sulfonamide, used as an antibiotic.

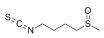
Purity: 98.0%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 100 mg



Sulforaphane
Cat. No.: HY-13755

Bioactivity: Sulforaphane is an isothiocyanate present naturally in widely consumed vegetables; has shown anticancer and cardioprotective activities.

Purity: 99.75%
Clinical Data: Phase 3
Size: 10mM x 1mL in DMSO, 10 mg, 25 mg, 50 mg, 100 mg



Systemin
Cat. No.: HY-P0279

Bioactivity: Systemin, an 18-amino acid polypeptide, has been isolated from tomato leaves that is a powerful inducer of over 15 defensive genes.

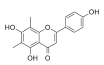
Purity: >98%
Clinical Data: No Development Reported
Size: 1 mg, 5 mg, 10 mg, 25 mg

AVQSKPPSKRDPPKMQTD

Syzalterin
Cat. No.: HY-N1187

Bioactivity: Syzalterin is an inhibitor of **NO** production with an $\mathbf{IC_{50}}$ of 1.87 μg/mL.

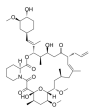
Purity: >98%
Clinical Data: No Development Reported
Size: 5 mg



Tacrolimus
(FK506; Fujimycin; FR900506) Cat. No.: HY-13756

Bioactivity: Tacrolimus (FK506; Fujimycin) is a macrocyclic lactone with potent immunosuppressive properties. Tacrolimus binds to **FK506 binding protein (FKBP)** to form a complex and inhibits **calcineurin phosphatase**.

Purity: 98.46%
Clinical Data: Launched
Size: 10 mg, 50 mg, 100 mg, 200 mg, 500 mg



TAT
Cat. No.: HY-P0281

Bioactivity: TAT (YGRKKRRQRRR) is a HIV-1 virus-encoded Tat peptide, which can increase the yields and the solubility of heterologous proteins.

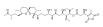
Purity: >98%
Clinical Data: No Development Reported
Size: 1 mg, 5 mg, 10 mg

YGRKKRRQRRR

Tautomycin
Cat. No.: HY-12728

Bioactivity: Tautomycin, an antifungal antibiotic isolated from the bacterium Streptomyces verticillatus, is a potent and specific inhibitor of **protein phosphatases 1 and 2A** and induces contraction of smooth muscle under Ca^{2+}-f...

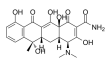
Purity: 98.0%
Clinical Data: No Development Reported
Size: 25u g



Tetracycline
Cat. No.: HY-A0107

Bioactivity: Tetracycline is a broad-spectrum antibiotic, exhibiting activity against a wide range of gram-positive and gram-negative bacteria.

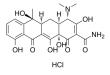
Purity: 98.0%
Clinical Data: Launched
Size: 200 mg, 1 g



Tetracycline hydrochloride
Cat. No.: HY-B0474

Bioactivity: Tetracycline (hydrochloride) is a broad-spectrum antibiotic, exhibiting activity against a wide range of gram-positive and gram-negative **bacteria**.

Purity: 98.94%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 1 g, 5 g



Tetradecanoylcarnitine

Cat. No.: HY-113201

Bioactivity: Tetradecanoylcarnitine is a human carnitine involved in β-oxidation of long-chain fatty acids.

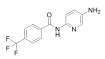
Purity: >98%
Clinical Data: No Development Reported
Size: 5 mg

TFAP

(N-(5-Aminopyridin-2-yl)-4-(trifluoromethyl)benzamide) Cat. No.: HY-112731

Bioactivity: TFAP is a selective cyclooxygenase-1 **(COX-1)** inhibitor, with an IC_{50} of 0.8 μM.

Purity: 99.97%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg, 50 mg, 100 mg

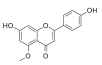


Thevetiaflavone

(Apigenin-5-methyl ether) Cat. No.: HY-N1157

Bioactivity: Thevetiaflavone could upregulate the expression of **Bcl2** and downregulate that of **Bax** and **caspase3**.

Purity: >98%
Clinical Data: No Development Reported
Size: 5 mg

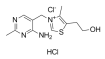


Thiamine hydrochloride (Vitamin B1 hydrochloride; Thiamine chloride hydrochloride)

Cat. No.: HY-N0680

Bioactivity: Thiamine hydrochloride is an essential micronutrient needed as a cofactor for many central metabolic enzymes.

Purity: 99.50%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 100 mg, 1 g

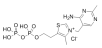


Thiamine pyrophosphate

Cat. No.: HY-113076

Bioactivity: Thiamine pyrophosphate is the coenzyme form of Vitamin B1 and is a required intermediate in the pyruvate dehydrogenase complex and the ketoglutarate dehydrogenase complex.

Purity: >98%
Clinical Data: No Development Reported
Size: 100 mg

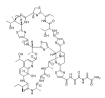


Thiostrepton

Cat. No.: HY-B0990

Bioactivity: Thiostrepton is a natural cyclic oligopeptide antibiotic, is a natural product of the ribosomally synthesized and post-translationally modified peptide (RiPP) class.

Purity: 99.58%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 50 mg

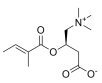


Tiglyl carnitine

Cat. No.: HY-113408

Bioactivity: Tiglyl carnitine is found to be associated with celiac disease and mitochondrial acetoacetyl-CoA thiolase (T2) deficiency.

Purity: >98%
Clinical Data:
Size: 1 mg, 5 mg

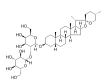


Timosaponin AIII

Cat. No.: HY-N0810

Bioactivity: Timosaponin AIII could inhibit acetylcholinesterase **(AChE)** activity, with an IC_{50} of 35.4 μM.

Purity: 98.88%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg, 25 mg

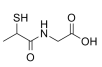


Tiopronin

Cat. No.: HY-B0373

Bioactivity: Tiopronin is a prescription thiol drug used to control the rate of cystine precipitation and excretion in the disease cystinuria.

Purity: 98.0%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 100 mg

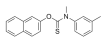


Tolnaftate

(NP-27) Cat. No.: HY-B0370

Bioactivity: Tolnaftate (NP-27) is a synthetic thiocarbamate used as an anti-fungal agent. .

Purity: 99.56%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 1 g, 5 g

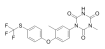


Toltrazuril
(BAY-i 9142)

Cat. No.: HY-B0175

Bioactivity: Toltrazuril is an antiprotozoal agent that acts upon Coccidia parasites. Target: Antiparasitic Toltrazuril is an antiprotozoal agent that acts upon Coccidia parasites. Toltrazuril induces changes in the fine structure of coccidian development stages that are mainly due to a swelling of the...

Purity: 99.71%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 1 g, 5 g



trans-Zeatin

Cat. No.: HY-19700

Bioactivity: trans-Zeatin is a plant cytokinin, which plays an important role in cell growth, differentiation, and division; trans-Zeatin also inhibits UV-induced **MEK/ERK** activation.

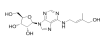
Purity: 99.28%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 10 mg, 50 mg

trans-Zeatinriboside

Cat. No.: HY-W011151

Bioactivity: trans-Zeatinriboside is a type of cytokinin precursor, acts as a major long-distance signalling form in xylem vessels, regulates leaf size and meristem activity-related traits.

Purity: 99.52%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 10 mg, 50 mg

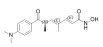


Trichostatin A
(TSA)

Cat. No.: HY-15144

Bioactivity: Trichostatin A is a potent and specific inhibitor of **HDAC class I/II**, with an IC_{50} value of 1.8 nM for HDAC.

Purity: 99.53%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 2 mg, 5 mg, 10 mg, 25 mg, 50 mg

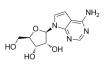


Tubercidin
(7-Deazaadenosine; Sparsomycin A)

Cat. No.: HY-100126

Bioactivity: Tubercidin (7-Deazaadenosine) is an adenosine analog, is an antibiotic obtained from Streptomyces tubercidicus. Target: Antibacterial Tubercidin inhibits the growth of Streptococcus faecalis by 50 % at a concentration of 20 nM. Tubercidin is not subject to cleavage by adenosine phosphorylase or to...

Purity: 98.68%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg, 50 mg, 100 mg

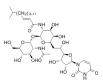


Tunicamycin

Cat. No.: HY-A0098

Bioactivity: Tunicamycin is a N-acetylglucosamine containing antibiotic from Streptomyces lysosuperijkus which inhibits **protein glycosylation**.

Purity: 99.69%
Clinical Data: No Development Reported
Size: 2 mg, 5 mg

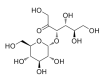


Turanose

Cat. No.: HY-113334

Bioactivity: Turanose is a reducing disaccharide.

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 100 mg

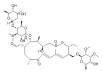


Tylosin
(Tylosin A)

Cat. No.: HY-B0519A

Bioactivity: Tylosin (Fradizine; Tylocine; Tylosin A) is a broad spectrum antibiotic against Gram-positive organisms and a limited range of Gram-negative organisms

Purity: 95.04%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 50 mg

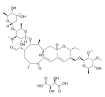


Tylosin tartrate

Cat. No.: HY-B0519

Bioactivity: Tylosin Tartrate is an antibiotic with a large macrocyclic lactone ring. Target: Antibacterial Tylosin is a bacteriostat food additive used in veterinary medicine. It has a broad spectrum of activity against gram-positive organisms and a limited range of gram-negative organisms. There is no...

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 50 mg

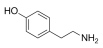


Tyramine

Cat. No.: HY-W007606

Bioactivity: Tyramine is an indirectly acting sympathomimetic amine that releases norepinephrine from presynaptic nerve terminals.

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 1 g

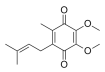


Ubiquinone-1

Cat. No.: HY-113449

Bioactivity: Ubiquinone-1 is an intermediate in the synthesis of Coenzyme Q.

Purity: >98%
Clinical Data: No Development Reported
Size: 1 mg, 5 mg

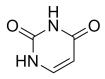


Uracil

Cat. No.: HY-I0960

Bioactivity: Uracil is a common and naturally occurring pyrimidine derivative and one of the four nucleobases in the nucleic acid of RNA.

Purity: 98.80%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 1 g



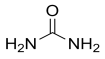
Urea

(Carbamide; Carbonyldiamide)

Cat. No.: HY-Y0271

Bioactivity: Urea is a powerful protein denaturant via both direct and indirect mechanisms [1]. A potent emollient and keratolytic agent [2]. Used as a diuretic agent. Blood urea nitrogen (BUN) has been utilized to evaluate renal function [3]

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 100 mg

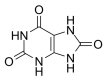


Uric acid

Cat. No.: HY-B2130

Bioactivity: Uric acid is an endogenous antioxidant that scavenges reactive oxygen species (ROS) including singlet oxygen, oxygen radicals, and peroxynitrite.

Purity: 99.0%
Clinical Data: No Development Reported
Size: 1 g

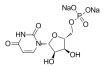


Uridine 5'-monophosphate disodium salt

Cat. No.: HY-W013175

Bioactivity: Uridine 5'-monophosphate disodium salt is component used for RNA synthesis.

Purity: 99.90%
Clinical Data: No Development Reported
Size: 10mM x 1mL in Water, 100 mg



Uridine diphosphate glucose

Cat. No.: HY-113044

Bioactivity: Uridine diphosphate glucose is an important intermediate in several different metabolic pathways and biosynthetic reactions, including the biosynthesis of polysaccharides such as starch and glycogen, lipopolysaccharides, and glycosphingolipids.

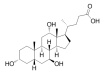
Purity: >98%
Clinical Data: No Development Reported
Size: 1 mg, 5 mg

Ursocholic acid

Cat. No.: HY-113212

Bioactivity: Ursocholic acid, a bile acid found predominantly in bile of mammals, is an inhibitor of **7α-hydroxysteroid dehydrogenase** and **hepatocyte nuclear factor 1α**.

Purity: >98%
Clinical Data:
Size: 5 mg, 10 mg

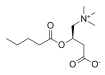


Valerylcarnitine

Cat. No.: HY-113266

Bioactivity: Valerylcarnitine is an endogenous metabolite, belonging to the short-chain acylcarnitines.

Purity: 99.0%
Clinical Data: No Development Reported
Size: 5 mg



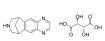
Varenicline Tartrate

(CP 526555-18)

Cat. No.: HY-10021

Bioactivity: Varenicline Tartrate(CP 526555;Champix) is a nicotinic receptor partial agonist; it stimulates nicotine receptors more weakly than nicotine itself does. IC50 value: Target: α4β2 nAChR Varenicline(CP 526555; Champix; Chantix) is a prescription medication used to treat smoking addiction. As a...

Purity: 99.90%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg, 25 mg, 50 mg, 100 mg



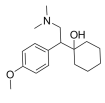
Venlafaxine

(Wy 45030)

Cat. No.: HY-B0196

Bioactivity: Venlafaxine is an antidepressant of the serotonin-norepinephrine reuptake inhibitor (SNRI) class.

Purity: >98%
Clinical Data: Launched
Size: 10 mg, 50 mg

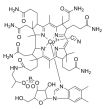


Vitamin B12
(Cyanocobalamin)

Cat. No.: HY-B0315

Bioactivity: Vitamin B12 is a water soluble vitamin with a key role in the normal functioning of the brain and nervous system, and for the formation of blood. Target: Others Vitamin B12 is a water-soluble vitamin with a key role in the normal functioning of the brain and nervous system, and for the...

Purity: 99.22%
Clinical Data: Launched
Size: 10mM x 1mL in DMSO, 500 mg

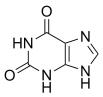


Xanthine

Cat. No.: HY-W017389

Bioactivity: Xanthine is a purine base found in most human body tissues and fluids and in other organisms.

Purity: 95.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 1 g

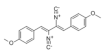


Xanthocillin X permethyl ether

Cat. No.: HY-111911

Bioactivity: Xanthocillin X permethyl ether is a natural compound isolated from fungal extracts, with Aβ-42 lowering activity [1].

Purity: >98%
Clinical Data: No Development Reported
Size: 250 mg, 500 mg

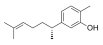


Xanthorrhizol

Cat. No.: HY-112657

Bioactivity: Xanthorrhizol, isolated from Curcuma xanthorrhiza Roxb, is a potential antibacterial agent.

Purity: >98%
Clinical Data: No Development Reported
Size: 250 mg, 500 mg

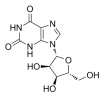


Xanthosine

Cat. No.: HY-W011527

Bioactivity: Xanthosine is a nucleoside derived from xanthine and ribose.

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 50 mg



Xenin

Cat. No.: HY-P0259

Bioactivity: Xenin is a 25-amino acid peptide initially isolated from human gastric mucosa. Xenin is a gut hormone that can reduce food intake.

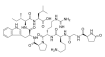
Purity: >98%
Clinical Data: Phase 1
Size: 500u g, 1 mg, 5 mg

Xenopsin

Cat. No.: HY-P0253

Bioactivity: Xenopsin: the neurotensin-like octapeptide from Xenopus skin at the carboxyl terminus of its precursor.

Purity: >98%
Clinical Data: No Development Reported
Size: 1 mg, 5 mg, 10 mg, 25 mg

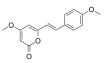


Yangonin

Cat. No.: HY-N0919

Bioactivity: Yangonin exhibits affinity for the human recombinant cannabinoid **CB1 receptor** with an IC_{50} and a K_i of 1.79 ± 0.53 μM and 0.72±0.21 μM, respectively.

Purity: >98%
Clinical Data: No Development Reported
Size: 5 mg, 10 mg

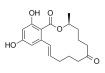


Zearalenone
(Mycotoxin F2; Toxin F2)

Cat. No.: HY-103447

Bioactivity: Zearalenone is a mycotoxin produced mainly by fungi belonging to the genus Fusarium in foods and feeds. Possess oestrogenic activity in pigs, cattle and sheep, with low acute toxicity. Causes precocious development of mammae and other estrogenic effects in young gilts [1] [2].

Purity: 98.65%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 mg, 10 mg, 25 mg, 50 mg

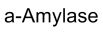


α-Amylase

Cat. No.: HY-B2193

Bioactivity: α-Amylase is a hydrolase enzyme that catalyses the hydrolysis of internal α-1, 4-glycosidic linkages in starch to yield products like glucose and maltose.

Purity:
Clinical Data: No Development Reported
Size: 1 g

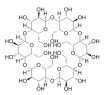


α-Cyclodextrin

Cat. No.: HY-B1513

Bioactivity: α-Cyclodextrin is a multifunctional, soluble dietary fiber marketed for use as a fiber ingredient.

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 1 g



β-Alanine

(2-Carboxyethylamine; 3-Aminopropanoic acid)

Cat. No.: HY-N0230

Bioactivity: β-Alanine is a non-essential amino acid that is shown to be metabolized into carnosine, which functions as an intracellular buffer.

Purity: 98.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in DMSO, 5 g

β-Amyloid 1-40

Cat. No.: HY-P0265

Bioactivity: β-Amyloid (1-40) is a primary protein in plaques found in the brains of patients with Alzheimer's disease.

Purity: 95.09%
Clinical Data: No Development Reported
Size: 500u g, 1 mg, 5 mg, 10 mg, 25 mg

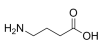
γ-Aminobutyric acid

(4-Aminobutyric acid)

Cat. No.: HY-N0067

Bioactivity: γ-Aminobutyric acid (4-Aminobutyric acid) is a major inhibitory neurotransmitter in the adult mammalian brain [1] [2], binding to the ionotropic GABA receptors (**$GABA_A$ receptors**) and metabotropic receptors (**$GABA_B$ receptors**

Purity: 97.0%
Clinical Data: No Development Reported
Size: 10mM x 1mL in Water, 100 mg



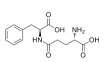
γ-Glu-Phe

(γ-Glutamylphenylalanine)

Cat. No.: HY-101399

Bioactivity: γ-Glu-Phe is a γ-3 glutamyl dipeptide found in sourdough.

Purity: 98.13%
Clinical Data: No Development Reported
Size: 5 mg, 10 mg, 50 mg, 100 mg



γ-Glutamyl-S-1-propenyl cysteine

Cat. No.: HY-111826

Bioactivity: γ-Glutamyl-S-1-propenyl cysteine is a compound isolated from garlic [1].

Purity: >98%
Clinical Data: No Development Reported
Size: