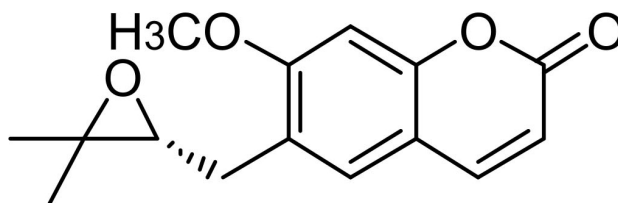


Epoxysuberosin, (+)-

Code No.: BIA-E1777

Pack sizes.: 1mg, 5mg



Synonyms:

(R)-(+)-Epoxysuberosin, Epoxysuberosin

Specifications

CAS #	: 80368-68-9
Molecular Formula	: C15H16O4
Molecular Weight	: 260.29
Source	: -
Appearance	: Cream-yellow crystals
Purity	: >95% by HPLC
Long Term Storage	: -20°C
Solubility	: Soluble in ethanol, methanol, DMF or DMSO.

Application Notes

(+)-Epoxysuberosin is a coumarin isolated from *Hesperethusa crenulata* by Nayar and Bhan from Regional Research Laboratory, India, in 1972. More recently, Smith and Bissember at the University of Tasmania, Australia, isolated epoxysuberosin from the native fuchsia, *Correa reflexa*, using pressurized hot water extraction. Epoxysuberosin is active against leishmania, but its biological activity is largely unexplored.

References

1. Coumarins and other constituents of *Hesperethusa crenulata*. Nayar M.N.S. & Bhan M.K., *Phytochemistry* 1972, 11, 3331.
2. New coumarins from *Harbouria trachypleura*: isolation and synthesis. Guz N.R. et al., *Tet. Lett.* 2001, 42, 6491.
3. Pressurized hot water extraction as a viable bioprospecting tool: isolation of coumarin natural products from previously unexamined *Correa* (Rutaceae) species. Deans B.J. et al., *Chemistry Select* 2017, 2, 2433.