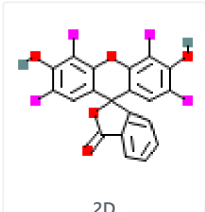
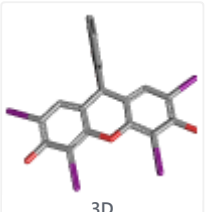


RESUMEN COMPUESTO

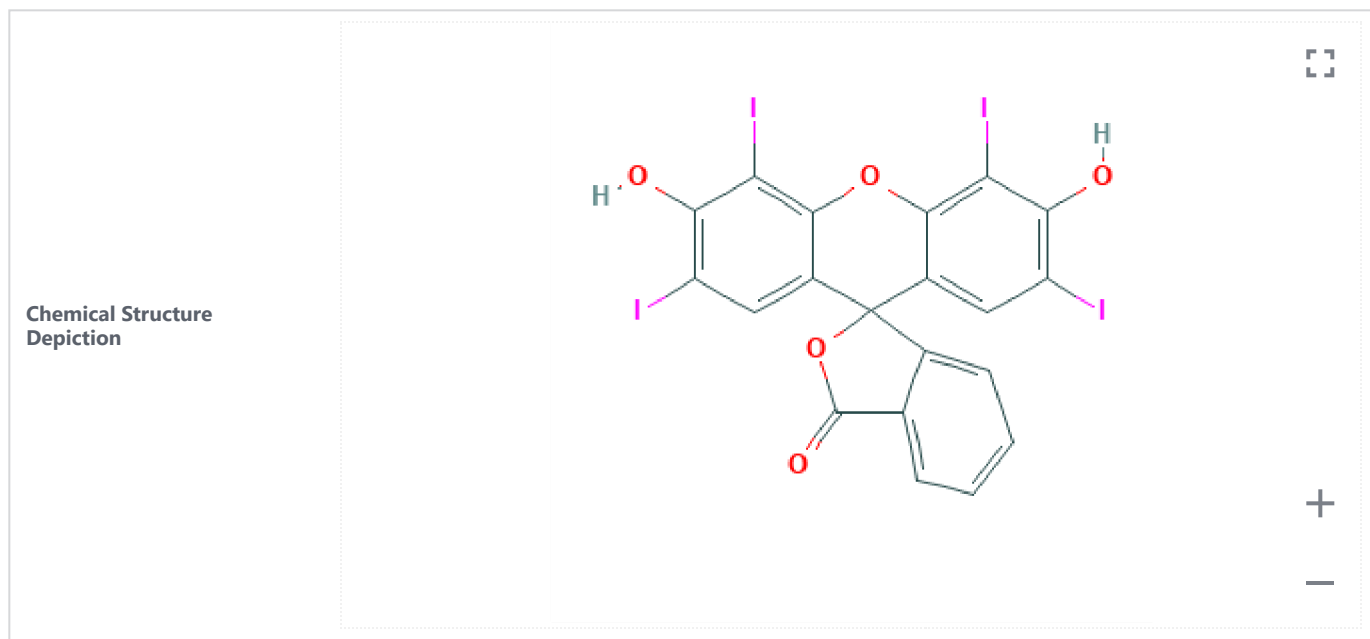
Eritrosina B

PubChem CID	3259
Estructura	<div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">  <p>2D</p> </div> <div style="text-align: center;">  <p>3D</p> </div> </div> <p style="text-align: center;">Encuentra estructuras similares</p>
Seguridad química	Hoja de datos del resumen de seguridad química de laboratorio (LCSS)
Fórmula molecular	$C_{20}H_8I_4O_5$
Sinónimos	<p>Eritrosina B Tetrayodofluoresceína 15905-32-5 Iodeosin Ácido eritrosina</p> <p><input type="button" value="Más..."/></p>
Peso molecular	835,9 g / mol
Fecha s	<p>Modificar Crear</p> <p>2021-01-31 2005-03-25</p>
<p>Una tetrayodofluoresceína que se usa como colorante rojo en algunos alimentos (cerezas, pescado), como revelación de la PLACA DENTAL y como colorante de algunos tipos de células. Tiene similitud estructural con TIROXINA.</p> <p>▶ Malla</p>	

1 Estructuras



1.1 Estructura 2D



► [PubChem](#)

1.2 3D Conformer



► [PubChem](#)

2 Names and Identifiers

2.1 Computed Descriptors

2.1.1 IUPAC Name

3',6'-dihydroxy-2',4',5',7'-tetraiodospiro[2-benzofuran-3,9'-xanthene]-1-one

Computed by LexiChem 2.6.6 (PubChem release 2019.06.18)

[▶ PubChem](#)

2.1.2 InChI

InChI=1S/C20H8I4O5/c21-11-5-9-17(13(23)15(11)25)28-18-10(6-12(22)16(26)14(18)24)20(9)8-4-2-1-3-7(8)19(27)29-20/h1-6,25-26H

Computed by InChI 1.0.5 (PubChem release 2019.06.18)

[▶ PubChem](#)

2.1.3 InChI Key

OALHHIHQOFIMEF-UHFFFAOYSA-N

Computed by InChI 1.0.5 (PubChem release 2019.06.18)

[▶ PubChem](#)

2.1.4 Canonical SMILES

C1=CC=C2C(=C1)C(=O)OC23C4=CC(=C(C(=C4OC5=C(C(=C(C=C35))O))O))O

Computed by OEChem 2.1.5 (PubChem release 2019.06.18)

[▶ PubChem](#)

2.2 Molecular Formula

C20H8I4O5

Computed by PubChem 2.1 (PubChem release 2019.06.18)

[▶ PubChem](#)

2.3 Other Identifiers

2.3.1 CAS

15905-32-5

[▶ ChemIDplus; DTP/NCI; EPA Chemicals under the TSCA; EPA DSSTox; European Chemicals Agency \(ECHA\); Human Metabolome Database \(HMDB\)](#)

2.3.2 Related CAS

16423-68-0 (Parent)

▶ [ChemIDplus](#)

2.3.3 Deprecated CAS



10557-31-0, 30495-83-1, 875516-06-6, 518-39-8, 66771-70-8, 19052-68-7, 748740-60-5, 76823-15-9, 83412-54-8, 2209062-14-4

▶ [ChemIDplus](#)

2.3.4 European Community (EC) Number



240-474-8

▶ [EU Food Improvement Agents](#)

240-046-0

▶ [European Chemicals Agency \(ECHA\)](#)

2.3.5 NSC Number



328781

▶ [DTP/NCI](#)

2.3.6 UNII



1A878FZQ9B

▶ [FDA/SPL Indexing Data](#)

2.3.7 DSSTox Substance ID



DTXSID7044843

▶ [EPA DSSTox](#)

2.3.8 Wikipedia



[Erythrosine](#)

▶ [Wikipedia](#)

2.4 Synonyms



2.4.1 MeSH Entry Terms



2',4',5',7'-Tetraiodofluorescein
Erythrosin

Erythrosin B
 Erythrosine
 Erythrosine B
 F D and C #3
 FD and C Red No. 3
 FDC Red No. 3

► MeSH

2.4.2 Depositor-Supplied Synonyms



Erythrosin B	EINECS 240-046-0	DSSTox_RID_8052
Tetraiodofluorescein	NSC 328781	Spiro(isobenzofur
15905-32-5	BRN 0062817	DSSTox_GSID_448
Iodeosin	E127	3',6'-dihydroxy-2'
Erythrosine acid	3',6'-dihydroxy-2',4',5',7'-tetraiodospiro[2-benzofuran-3,9'-xanthene]-1-one	3',6'-Dihydroxy-2'
Solvent Red 140	1A878FZQ9B	SMR000857151
Erythrosine, phenolic	Spiro[isobenzofuran-1(3H),9'-[9H]xanthen]-3-one, 3',6'-dihydroxy-2',4',5',7'-tetraiodo-	CAS-15905-32-5
2,4,5,7-Erythrosin	Aizen erythrosine	Fluoresceins
ERYTHROSINE	NCGC00166249-02	Iodoeosine
2',4',5',7'-Tetraiodofluorescein	Fluorescein, 2',4',5',7'-tetraiodo-	Felumin
UNII-1A878FZQ9B	Food Red No. 3	Ceplac
E127 Erythrosine	DSSTox_CID_24207	Trace

► PubChem