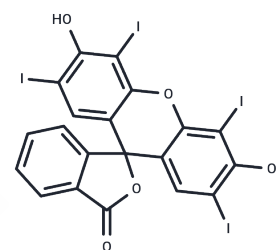


Erythrosin B

Chemical Properties

CAS No. :	15905-32-5
Formula:	C ₂₀ H ₈ I ₄ O ₅
Molecular Weight:	835.89
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	Erythrosin B (Iodeosin) , a tetraiodofluorescein, is used as a red coloring in some foods (cherries, fish), as a stain of some cell types, and as a disclosure of DENTAL PLAQUE. Its molecular structure is similar to THYROXINE.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 50 mg/mL (59.82 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1963 mL	5.9816 mL	11.9633 mL
5 mM	0.2393 mL	1.1963 mL	2.3927 mL
10 mM	0.1196 mL	0.5982 mL	1.1963 mL
50 mM	0.0239 mL	0.1196 mL	0.2393 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Horikoshi S, et al. Clin Chim Acta. 2012 Jul 11;413(13-14):1087-91.

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481