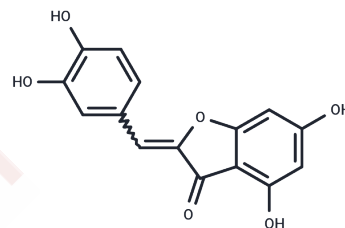


4,6,3',4'-Tetrahydroxyaurone

Chemical Properties

CAS No. :	480-70-6
Formula:	C ₁₅ H ₁₀ O ₆
Molecular Weight:	286.24
Storage:	Store at low temperature Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	4,6,3',4'-Tetrahydroxyaurone is a flavonoid from the herbs of <i>Heleocharis dulcis</i> .
Targets(IC50)	Others,Antibacterial

Solubility Information

Solubility	DMSO: 100 mg/mL (349.36 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	3.4936 mL	17.4679 mL	34.9357 mL
5 mM	0.6987 mL	3.4936 mL	6.9871 mL
10 mM	0.3494 mL	1.7468 mL	3.4936 mL
50 mM	0.0699 mL	0.3494 mL	0.6987 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

- Huke M, Görlitzer K, Schenck G. Polyhydroxyaurone. 3. Systematische Charakterisierung durch UV-Spektroskopie und Dünnschicht-Chromatographie [Polyhydroxyaurones. 3. Systematic characterization by UV-spectroscopy and thin layer chromatography]. Arch Pharm Ber Dtsch Pharm Ges. 1969 Jun;302(6):401-22. German.
- Nishida J, Kawabata J. DPPH radical scavenging reaction of hydroxy- and methoxychalcones. Biosci Biotechnol Biochem. 2006 Jan;70(1):193-202.

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