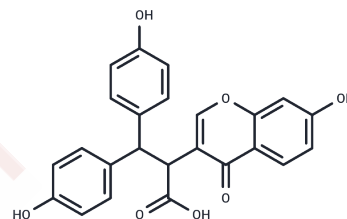


Lophiraic acid

Chemical Properties

CAS No. :	135101-74-5
Formula:	C ₂₄ H ₁₈ O ₇
Molecular Weight:	418.4
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	Lophiraic acid is isolated from <i>Lophira alata</i> ; in contrast to lophirone A, it does not have any biological activity.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3901 mL	11.9503 mL	23.9006 mL
5 mM	0.478 mL	2.3901 mL	4.7801 mL
10 mM	0.239 mL	1.195 mL	2.3901 mL
50 mM	0.0478 mL	0.239 mL	0.478 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

Murakami A, Ohigashi H, Jisaka M, Hirota M, Irie R, Koshimizu K. Inhibitory effects of new types of biflavonoid-related polyphenols; lophirone A and lophiraic acid, on some tumor promoter-induced biological responses in vitro and in vivo. *Cancer Lett.* 1991 Jun 14;58(1-2):101-6. PubMed PMID: 1904796.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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