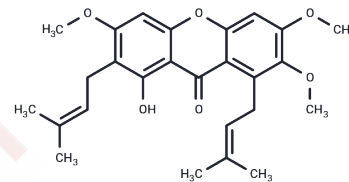


Fuscaxanthone C

Chemical Properties

CAS No. :	15404-76-9
Formula:	C ₂₆ H ₃₀ O ₆
Molecular Weight:	438.51
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	Fuscaxanthone C is a natural product from Garcinia mangostana.
Targets(IC50)	Others
In vitro	The structure elucidations were achieved through spectroscopic analyses. Compounds 1 and 5 showed moderate activity against the human small cell lung cancer NCI-H187 cell line with the IC50 values of 3.69 +/- 1.27 microg/mL and 3.08 +/- 0.73 microg/mL, respectively[1]

Solubility Information

Solubility	DMSO: 10 mg/mL (22.8 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	2.2804 mL	11.4022 mL	22.8045 mL
5 mM	0.4561 mL	2.2804 mL	4.5609 mL
10 mM	0.228 mL	1.1402 mL	2.2804 mL
50 mM	0.0456 mL	0.228 mL	0.4561 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

Cytotoxic constituents from *Cratoxylum arborescens*. *Planta Med.* 2005 Feb;71(2):181-3.

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