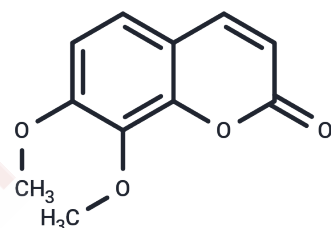


7,8-Dimethoxycoumarin

Chemical Properties

CAS No. :	2445-80-9
Formula:	C ₁₁ H ₁₀ O ₄
Molecular Weight:	206.19
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	7,8-Dimethoxycoumarin is a natural product isolated from <i>Artemisia caruifolia</i> and <i>Wikstroemia indica</i> .
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 50 mg/mL (242.49 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	4.8499 mL	24.2495 mL	48.499 mL
5 mM	0.970 mL	4.8499 mL	9.6998 mL
10 mM	0.485 mL	2.4249 mL	4.8499 mL
50 mM	0.097 mL	0.485 mL	0.970 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

NabinC. Barua, et al. Coumarins in artemisia caruifolia. *Phytochemistry*. 1980,19(10):2217-2218.

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