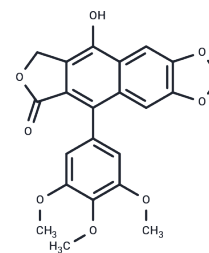


Tetradehydropodophyllotoxin

Chemical Properties

CAS No. :	42123-27-3
Formula:	C ₂₂ H ₁₈ O ₈
Molecular Weight:	410.37
Storage:	Keep away from direct sunlight, Keep away from moisture 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	Tetradehydropodophyllotoxin (Dehydropodophyllotoxin) has anti-tumor activity.
Targets(IC50)	Antifungal

Solubility Information

Solubility	DMSO: 6 mg/mL (14.62 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	2.4368 mL	12.1841 mL	24.3683 mL
5 mM	0.4874 mL	2.4368 mL	4.8737 mL
10 mM	0.2437 mL	1.2184 mL	2.4368 mL
50 mM	0.0487 mL	0.2437 mL	0.4874 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

Atta-ur-Rahman, et al. Antifungal aryltetralin lignans from leaves of Podophyllum hexandrum. Phytochemistry. Volume 40, Issue 2, September 1995, Pages 427-431

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