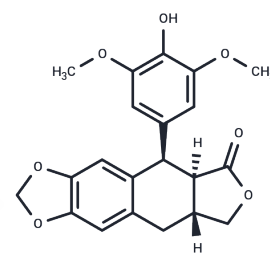


4-Demethyldeoxypodophyllotoxin

Chemical Properties

CAS No. :	3590-93-0
Formula:	C ₂₁ H ₂₀ O ₇
Molecular Weight:	384.38
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	4-Demethyldeoxypodophyllotoxin, an aryl tetrahydronaphthalenyl lignan analog from the roots of Podophyllum peltatum, has anticancer activity and modulates the Chk-2 signaling pathway in MCF-7 breast cancer cells.
Targets(IC50)	Chk

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6016 mL	13.008 mL	26.0159 mL
5 mM	0.5203 mL	2.6016 mL	5.2032 mL
10 mM	0.2602 mL	1.3008 mL	2.6016 mL
50 mM	0.052 mL	0.2602 mL	0.5203 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

David E.Jackson, et al. Aryltetralin lignans from Podophyllum hexandrum and Podophyllum peltatum. Phytochemistry. 1984, 23 (5): 1147-1152.

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