

Multiflorenol

Chemical Properties

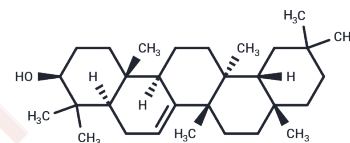
CAS No. : 2270-62-4

Formula: C₃₀H₅₀O

Molecular Weight: 426.72

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	Multiflorenol is a triterpene that has been found in <i>T. kirilowii</i> seeds. ¹ It inhibits in vitro activation of Epstein-Barr virus early antigen (EBV-EA) induced by the tumor promoter phorbol 12-myristate 13-acetate in a concentration-dependent manner.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: Soluble (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3435 mL	11.7173 mL	23.4346 mL
5 mM	0.4687 mL	2.3435 mL	4.6869 mL
10 mM	0.2343 mL	1.1717 mL	2.3435 mL
50 mM	0.0469 mL	0.2343 mL	0.4687 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

Akihisa, T., Tokuda, H., Ichiishi, E., et al. Anti-tumor promoting effects of multiflorane-type triterpenoids and cytotoxic activity of karounidiol against human cancer cell lines. *Cancer Lett.* 173(1), 9-14 (2001).

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