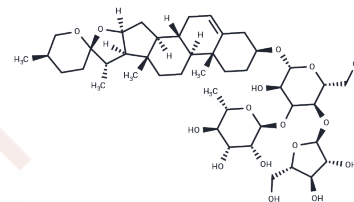


Polyphyllin II

Chemical Properties

CAS No. :	76296-72-5
Formula:	C44H70O16
Molecular Weight:	855.02
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	Polyphyllin II (Chonglou Saponin II) has hemostasis, expectorant, bacteriostasis, anticytotoxic, anti-pregnancy kill sperm effects.
Targets(IC50)	Apoptosis

Solubility Information

Solubility	DMSO: 250 mg/mL (292.39 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	1.1696 mL	5.8478 mL	11.6956 mL
5 mM	0.2339 mL	1.1696 mL	2.3391 mL
10 mM	0.117 mL	0.5848 mL	1.1696 mL
50 mM	0.0234 mL	0.117 mL	0.2339 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

Yin X,et al. Simultaneous determination and pharmacokinetic study of polyphyllin I, polyphyllin II, polyphyllin VI and polyphyllin VII in beagle dog plasma after oral administration of Rhizoma Paridis extracts by LC-MS-MS. Biomed Chromatogr. 2013 Mar;27(3):343-8.

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