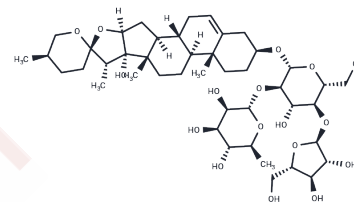


Polyphyllin H

Chemical Properties

CAS No. :	81917-50-2
Formula:	C44H70O17
Molecular Weight:	871.02
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 H can be extracted from loblolly pine and rhizomes, has antitumor activity, and is used in studies of inflammation, fractures, and convulsions.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 90 mg/mL (103.33 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	1.1481 mL	5.7404 mL	11.4808 mL
5 mM	0.2296 mL	1.1481 mL	2.2962 mL
10 mM	0.1148 mL	0.574 mL	1.1481 mL
50 mM	0.023 mL	0.1148 mL	0.2296 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. Analysis and pharmacokinetic study of polyphyllin H in beagle dog plasma after oral administration of Rhizoma Paridis extracts by LC-MS/MS [published correction appears in Biomed Chromatogr. 2015 Jun;29(6):966]. Biomed Chromatogr. 2014;28(12):1869-1873.

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