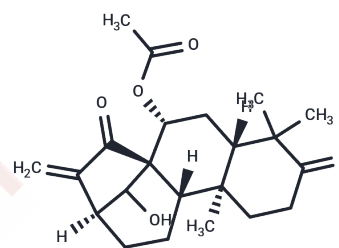


Glaucocalyxin D

Chemical Properties

CAS No. : 140671-02-9
 Formula: C₂₂H₃₀O₅
 Molecular Weight: 374.47
 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	Glaucocalyxin D, an ent-kauranoid-type diterpenoid extracted from <i>Rabdosia japonica</i> , exhibits cytotoxic properties against a range of human tumor cell lines, making it a valuable compound for cancer research [1].
In vitro	Glaucocalyxin D, at concentrations ranging from 0 to 100 μ M over a period of 48 hours, exhibits potent cytotoxic effects on human tumor cell lines A549, CCRF-CEM, HCT116, and HL-60.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6704 mL	13.3522 mL	26.7044 mL
5 mM	0.5341 mL	2.6704 mL	5.3409 mL
10 mM	0.267 mL	1.3352 mL	2.6704 mL
50 mM	0.0534 mL	0.267 mL	0.5341 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.

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