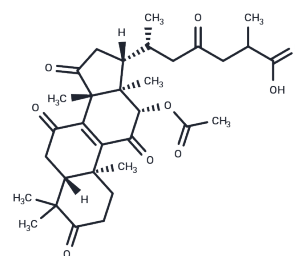


Ganoderic acid F

Chemical Properties

CAS No. :	98665-15-7
Formula:	C32H42O9
Molecular Weight:	570.67
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Ganoderic acid F inhibits the proliferation of HeLa human cervical carcinoma cells with IC(50) values of 19.5+/-0.6 microM.
Targets(IC50)	Others
In vitro	Ganoderic acid F exhibits antitumor and antimetastatic activities through inhibition of angiogenesis and alteration of proteins involving cell proliferation and/or cell death, carcinogenesis, oxidative stress, calcium signaling, and endoplasmic reticulum stress. Ganoderic acid F is a ganoderic acid.

Solubility Information

Solubility	DMSO: 100 mg/mL (175.23 mM) (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7523 mL	8.7616 mL	17.5233 mL
5 mM	0.3505 mL	1.7523 mL	3.5047 mL
10 mM	0.1752 mL	0.8762 mL	1.7523 mL
50 mM	0.035 mL	0.1752 mL	0.3505 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.

Reference

Yue QX, et al. Effects of triterpenes from Ganoderma lucidum on protein expression profile of HeLa cells. Phytomedicine. 2010 Jul;17(8-9):606-13.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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