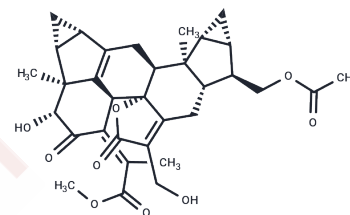


Shizukaol D

Chemical Properties

CAS No. :	142279-42-3
Formula:	C33H38O9
Molecular Weight:	578.65
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	Shizukaol D exerts a growth inhibition effect on liver cancer cells in a dose- and time-dependent manner by modulating wnt signalling pathway. Shizukaol D may be used to treat metabolic syndrome, it induces mitochondrial dysfunction by depolarizing the mitochondrial membrane and suppressing energy production, which may result in AMPK activation.
Targets(IC50)	Apoptosis,AMPK

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7282 mL	8.6408 mL	17.2816 mL
5 mM	0.3456 mL	1.7282 mL	3.4563 mL
10 mM	0.1728 mL	0.8641 mL	1.7282 mL
50 mM	0.0346 mL	0.1728 mL	0.3456 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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