

Ganoderic acid T1

Chemical Properties

CAS No. :

Formula: C34H50O7

Molecular Weight: 570.76

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	Ganoderic acid T1, a deacetylated derivative of Ganoderic acid T, diminishes mitochondrial membrane potential and triggers cell apoptosis by activating caspase-9 and caspase-3, thus impairing the antioxidant defense system of cancer cells. Additionally, it elevates intracellular ROS levels, yielding pro-oxidant activities and cytotoxicity [1].
Targets(IC50)	Apoptosis,Others,Caspase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.752 mL	8.7602 mL	17.5205 mL
5 mM	0.3504 mL	1.752 mL	3.5041 mL
10 mM	0.1752 mL	0.876 mL	1.752 mL
50 mM	0.035 mL	0.1752 mL	0.3504 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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