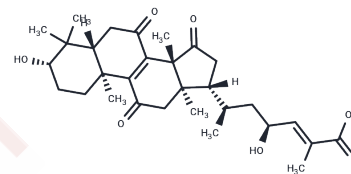


Ganoderic acid ζ

Chemical Properties

CAS No. :	294674-09-2
Formula:	C ₃₀ H ₄₂ O ₇
Molecular Weight:	514.659
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	The binding affinities of ganoderic acid DM and Ganoderic acid ζ (ΔG_{bind} , -16.83 and -10.99 kcal mol ⁻¹) are comparable to that of current commercial drug oseltamivir (-23.62 kcal mol ⁻¹); Ganoderic acid DM is a potential source of anti-influenza ingredient, with novel binding pattern and advantage over oseltamivir, it has steric hindrance on the 150 cavity of N1 protein, and exerts activities across the H274Y and N294S mutations, is the attractive candidates of novel neuraminidase (NA) inhibitors. Ganoderic acid zeta has cytotoxicity in vitro against Meth-A and LLC cell lines.
Targets(IC50)	Antifection

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.943 mL	9.7152 mL	19.4303 mL
5 mM	0.3886 mL	1.943 mL	3.8861 mL
10 mM	0.1943 mL	0.9715 mL	1.943 mL
50 mM	0.0389 mL	0.1943 mL	0.3886 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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