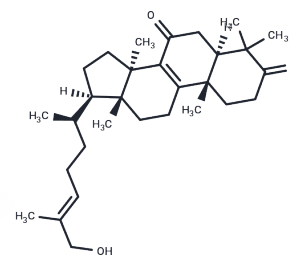


Ganoderone A

Chemical Properties

CAS No. :	873061-79-1
Formula:	C ₃₀ H ₄₆ O ₃
Molecular Weight:	454.68
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	Ganoderone A exhibits potent inhibitory activity against herpes simplex virus.
Targets(IC50)	HSV,Integrase
In vitro	Four sterols and 10 triterpenes were isolated from the fruiting bodies of Ganoderma pfeifferi, including the three new triterpenes 3,7,11-trioxo-5alpha-lanosta-8,24-diene-26-al (lucialdehyde D, 1), 5alpha-lanosta-8,24-diene-26-hydroxy-3,7-dione (Ganoderone A, 2), and 5alpha-lanosta-8-ene-24,25-epoxy-26-hydroxy-3,7-dione (ganoderone C, 3). The structures of 1-3 were determined on the basis of spectroscopic evidence. Antibacterial, antifungal, and antiviral activity were studied for some of the isolated compounds.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1993 mL	10.9967 mL	21.9935 mL
5 mM	0.4399 mL	2.1993 mL	4.3987 mL
10 mM	0.2199 mL	1.0997 mL	2.1993 mL
50 mM	0.044 mL	0.2199 mL	0.4399 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.

Reference

Antiviral Terpenoid Constituents of Ganoderma pfeifferi. J Nat Prod. 2005 Dec;68(12):1728-31.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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