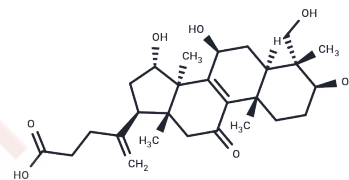


Lucidenic acid O

Chemical Properties

CAS No. :	250643-33-5
Formula:	C ₂₇ H ₄₀ O ₇
Molecular Weight:	476.6
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	Lucidenic acid O is a terpene compound that acts as an inhibitor of DNA polymerases. Lucidenic lactone inhibits calf DNA polymerase- α , rat DNA polymerase- β , and HIV-1 reverse transcriptase, with IC ₅₀ values of 42 μ M, 99 μ M, and 69 μ M, respectively.
Targets(IC ₅₀)	HIV Protease,Reverse Transcriptase,DNA/RNA Synthesis

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0982 mL	10.491 mL	20.982 mL
5 mM	0.4196 mL	2.0982 mL	4.1964 mL
10 mM	0.2098 mL	1.0491 mL	2.0982 mL
50 mM	0.042 mL	0.2098 mL	0.4196 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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