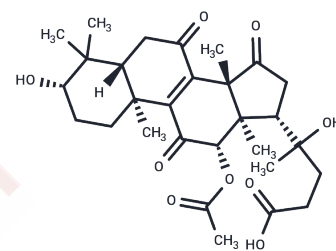


20-Hydroxylucidenic acid E2

Chemical Properties

CAS No. :	852567-75-0
Formula:	C ₂₉ H ₄₀ O ₉
Molecular Weight:	532.62
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	20-Hydroxylucidenic acid E2 is a triterpene compound identified in Ganoderma lucidum. It significantly inhibits TPA-induced inflammation and suppresses TPA-induced EBV early antigen expression with an IC ₅₀ of 290 mol ratio/32 pmol TPA [indicating that the molar concentration of this compound is 290 times that of TPA (32 pmol) to achieve 50% inhibition of EBV early antigen expression]. This compound is applicable in anti-inflammatory and anticancer research.
Targets(IC ₅₀)	Antifection,EBV

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8775 mL	9.3876 mL	18.7751 mL
5 mM	0.3755 mL	1.8775 mL	3.755 mL
10 mM	0.1878 mL	0.9388 mL	1.8775 mL
50 mM	0.0376 mL	0.1878 mL	0.3755 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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