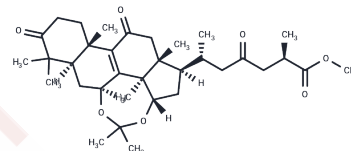


Methyl ganoderate A acetonide

Chemical Properties

CAS No. :	1346453-53-9
Formula:	C ₃₄ H ₅₀ O ₇
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	Methyl ganoderate A acetonide, a lanostane triterpene derived from the fruiting bodies of <i>Ganoderma lucidum</i> , serves as a potent acetylcholinesterase (AChE) inhibitor with an IC ₅₀ value of 18.35 μM, suggesting potential utility in Alzheimer's disease (AD) research [1].
Targets(IC50)	Others,Cholinesterase (ChE)

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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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