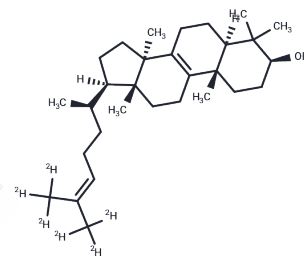


Lanosterol-D6

Chemical Properties

CAS No. :	28290-39-3
Formula:	C ₃₀ H ₅₀ O
Molecular Weight:	432.75
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	Lanosterol-D6 is the deuterated form of Lanosterol. Lanosterol (T4970) acts as an intermediate in the biosynthesis of cholesterol and can induce the ubiquitination and degradation of HMG-CoA reductase, the rate-controlling enzyme in cholesterol synthesis. Additionally, Lanosterol (T4970) inhibits the aggregation and cytotoxicity of misfolded proteins linked to neurodegenerative diseases.
Targets(IC50)	Endogenous Metabolite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3108 mL	11.554 mL	23.108 mL
5 mM	0.4622 mL	2.3108 mL	4.6216 mL
10 mM	0.2311 mL	1.1554 mL	2.3108 mL
50 mM	0.0462 mL	0.2311 mL	0.4622 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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