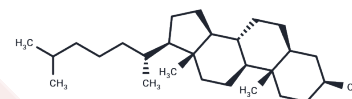


5 α -Cholestan-3 β -ol

Chemical Properties

CAS No. :	80-97-7
Formula:	C ₂₇ H ₄₈ O
Molecular Weight:	388.68
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	Dihydrocholesterol is a derivatized steroidal compound that inhibits cholesterol absorption.
Targets(IC50)	Endogenous Metabolite

Solubility Information

Solubility	H ₂ O: Insoluble, DMSO: 3.89 mg/mL (10.01 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5728 mL	12.8641 mL	25.7281 mL
5 mM	0.5146 mL	2.5728 mL	5.1456 mL
10 mM	0.2573 mL	1.2864 mL	2.5728 mL
50 mM	0.0515 mL	0.2573 mL	0.5146 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

Wang X, et al. Atherosclerosis. 2015 Sep;242(1):77-86.

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