

5 α -Cholesta-7,24-dien-3 β -ol

Chemical Properties

CAS No. : 651-54-7

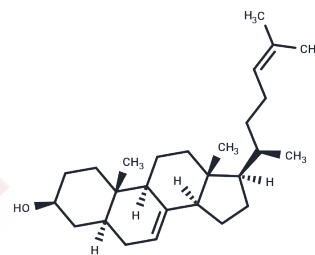
Formula: C₂₇H₄₄O

Molecular Weight: 384.65

Keep away from direct sunlight

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	5 α -Cholesta-7,24-dien-3 β -ol is a natural sterol and endogenous metabolite in hamsters, suitable for biochemical experiments and drug synthesis research.
Targets(IC50)	Endogenous Metabolite

Solubility Information

Solubility	DMSO: 1.00 mg/mL (2.60 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	2.5998 mL	12.9988 mL	25.9977 mL
5 mM	0.520 mL	2.5998 mL	5.1995 mL
10 mM	0.260 mL	1.2999 mL	2.5998 mL
50 mM	0.052 mL	0.260 mL	0.520 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

Awano M, et, al. Identification of cholesta-7,24-dien-3 beta-ol and desmosterol in hamster cauda epididymal spermatozoa. Lipids. 1989 Jul;24(7):662-4.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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