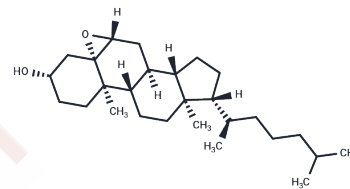


5 β ,6 β -epoxycholestanol

Chemical Properties

CAS No. :	4025-59-6
Formula:	C ₂₇ H ₄₆ O ₂
Molecular Weight:	402.65
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 β ,6 β -Epoxycholestanol is an oxidative metabolite of cholesterol produced through radical and non-radical oxidation at the 5,6-double bond. It induces the release of lactate dehydrogenase (LDH) and apoptosis in differentiated macrophage U937 cells. This compound has been identified in human fatty streaks and advanced atherosclerotic lesions but is absent in normal aortic tissue.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4835 mL	12.4177 mL	24.8355 mL
5 mM	0.4967 mL	2.4835 mL	4.9671 mL
10 mM	0.2484 mL	1.2418 mL	2.4835 mL
50 mM	0.0497 mL	0.2484 mL	0.4967 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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