

Cholesterol hexanoate

Chemical Properties

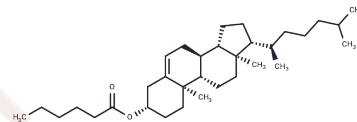
CAS No. : 1062-96-0

Formula: C₃₃H₅₆O₂

Molecular Weight: 484.8

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	Cholesterolhexanoate is an organic compound classified under esters. It is formed through the reaction between cholesterol and hexanoic acid. Cholesterolhexanoate has various applications in the pharmaceutical industry, particularly as a bioactive compound with potential research roles for improving conditions such as high cholesterol and inflammation-related diseases. Additionally, it may serve as a food additive to enhance texture and stability.
Targets(IC50)	Liposome

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0627 mL	10.3135 mL	20.6271 mL
5 mM	0.4125 mL	2.0627 mL	4.1254 mL
10 mM	0.2063 mL	1.0314 mL	2.0627 mL
50 mM	0.0413 mL	0.2063 mL	0.4125 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.

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