

Cholesteryl Acetate

Chemical Properties

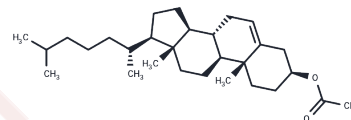
CAS No. : 604-35-3

Formula: C₂₉H₄₈O₂

Molecular Weight: 428.69

Appearance: no data available

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	Cholesteryl Acetate is a cholesterol ester obtained from the esterification of the hydroxyl group of cholesterol with acetic acid. It functions as a metabolite in the human body and is both a cholesterol ester and an acetate ester.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: Slightly soluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3327 mL	11.6634 mL	23.3269 mL
5 mM	0.4665 mL	2.3327 mL	4.6654 mL
10 mM	0.2333 mL	1.1663 mL	2.3327 mL
50 mM	0.0467 mL	0.2333 mL	0.4665 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.

Reference

Zanoun A, et al. Spectrochim Acta A Mol Biomol Spectrosc. 2005 Nov;62(1-3):547-51.

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