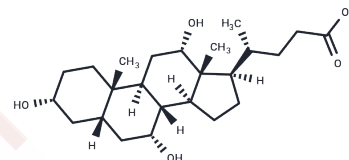


Cholic Acid

Chemical Properties

CAS No. :	81-25-4
Formula:	C ₂₄ H ₄₀ O ₅
Molecular Weight:	408.57
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Cholic Acid (Cholate) is a major primary bile acid produced in the liver and usually conjugated with glycine or taurine. Cholic acid facilitates fat absorption and cholesterol excretion.
Targets(IC50)	Endogenous Metabolite

Solubility Information

Solubility	DMSO: 55 mg/mL (134.62 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	2.4476 mL	12.2378 mL	24.4756 mL
5 mM	0.4895 mL	2.4476 mL	4.8951 mL
10 mM	0.2448 mL	1.2238 mL	2.4476 mL
50 mM	0.049 mL	0.2448 mL	0.4895 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

Wu Y, et al. J Biomed Nanotechnol. 2015 Jul;11(7):1247-60.

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