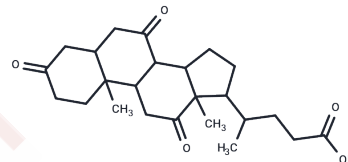


Dehydrocholic acid

Chemical Properties

CAS No. :	81-23-2
Formula:	C ₂₄ H ₃₄ O ₅
Molecular Weight:	402.52
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Dehydrocholic acid (Dehystolin) is a synthetic bile acid, produced by the oxidation of cholic acid.
Targets(IC50)	Others
In vivo	DHCA (dehydrocholic acid) infusion induces choleresis associated with reduced secretion of endogenous and/or exogenous biliary components[1].

Solubility Information

Solubility	H ₂ O: < 1 mg/mL (insoluble or slightly soluble), Ethanol: 12 mg/mL (29.81 mM),Sonication is recommended. DMSO: 45 mg/mL (111.8 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	2.4843 mL	12.4217 mL	24.8435 mL
5 mM	0.4969 mL	2.4843 mL	4.9687 mL
10 mM	0.2484 mL	1.2422 mL	2.4843 mL
50 mM	0.0497 mL	0.2484 mL	0.4969 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

Yousef IM, et al. Digestion. 1990, 45(1):40-51.

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