

Dehydrocholate sodium

Chemical Properties

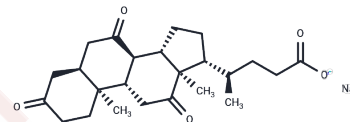
CAS No. : 145-41-5

Formula: C₂₄H₃₃NaO₅

Molecular Weight: 424.51

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	Dehydrocholate sodium, a hydrocholeretic, can increase bile output to clear increased bile acid load.
Targets(IC50)	Endogenous Metabolite, Autophagy, Lipid, Amylase, Lipase

Solubility Information

Solubility	DMSO: 50 mg/mL (117.78 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+40% PEG300+5% Tween 80+45% Saline: 2 mg/mL (4.71 mM), Sonication is recommended. <i>Please add the solvents sequentially, clarifying the solution as much as possible before adding the next one. Dissolve by heating and/or sonication if necessary. Working solution is recommended to be prepared and used immediately. The formulation provided above is for reference purposes only. In vivo formulations may vary and should be modified based on specific experimental conditions.</i>

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3557 mL	11.7783 mL	23.5566 mL
5 mM	0.4711 mL	2.3557 mL	4.7113 mL
10 mM	0.2356 mL	1.1778 mL	2.3557 mL
50 mM	0.0471 mL	0.2356 mL	0.4711 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.

Reference

Yousef IM, et al. Hepatology. 1987 May-Jun;7(3):535-42.

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