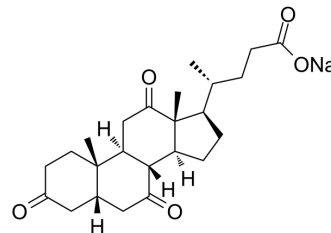


Dehydrocholate sodium

Cat. No.:	HY-B0998
CAS No.:	145-41-5
Molecular Formula:	C ₂₄ H ₃₃ NaO ₅
Molecular Weight:	424.51
Target:	Endogenous Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	4°C, sealed storage, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)



SOLVENT & SOLUBILITY

In Vitro

H₂O : 50 mg/mL (117.78 mM; Need ultrasonic)
DMSO : 20.83 mg/mL (49.07 mM; ultrasonic and warming and heat to 60°C)

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	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

Please refer to the solubility information to select the appropriate solvent.

In Vivo

- Add each solvent one by one: PBS
Solubility: 33.33 mg/mL (78.51 mM); Clear solution; Need ultrasonic
- Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline
Solubility: ≥ 2.5 mg/mL (5.89 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
Solubility: ≥ 2.5 mg/mL (5.89 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil
Solubility: ≥ 2.5 mg/mL (5.89 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

Dehydrocholic sodium is a hydrocholeretic, increasing bile output to clear increased bile acid load.

IC₅₀ & Target

Human Endogenous Metabolite

Caution: Product has not been fully validated for medical applications. For research use only.

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