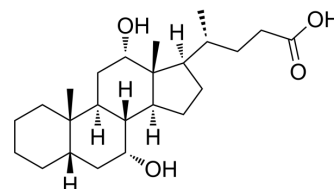


Isodeoxycholic acid

Cat. No.:	HY-W399297		
CAS No.:	566-17-6		
Molecular Formula:	C ₂₄ H ₄₀ O ₄		
Molecular Weight:	392.57		
Target:	Endogenous Metabolite		
Pathway:	Metabolic Enzyme/Protease		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro	DMSO : 100 mg/mL (254.73 mM; Need ultrasonic)			
		Solvent Concentration	Mass	
			1 mg	5 mg
			10 mg	
Preparing Stock Solutions	1 mM	2.5473 mL	12.7366 mL	25.4732 mL
	5 mM	0.5095 mL	2.5473 mL	5.0946 mL
	10 mM	0.2547 mL	1.2737 mL	2.5473 mL
Please refer to the solubility information to select the appropriate solvent.				
In Vivo	1. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (6.37 mM); Clear solution			

BIOLOGICAL ACTIVITY

Description	Isodeoxycholic acid (7 α ,12 α -Dihydroxycholanoic acid) is the 3 β -epimer of ursodeoxycholic acid. Isodeoxycholic acid has the effect on choleresis and liver biochemistry ^[1] .
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REFERENCES

[1]. Marschall HU, et al. Isoursodeoxycholic acid: metabolism and therapeutic effects in primary biliary cirrhosis. J Lipid Res. 2001 May;42(5):735-42.

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

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