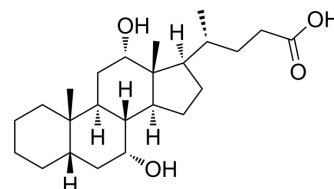


Isodeoxycholic acid

Cat. No.:	HY-W399297		
CAS No.:	566-17-6		
Molecular Formula:	C ₂₄ H ₄₀ O ₄		
Molecular Weight:	393		
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 (254.45 mM; Need ultrasonic)				
		Solvent Concentration	Mass 1 mg	5 mg	10 mg
	Preparing Stock Solutions	1 mM	2.5445 mL	12.7226 mL	25.4453 mL
		5 mM	0.5089 mL	2.5445 mL	5.0891 mL
10 mM		0.2545 mL	1.2723 mL	2.5445 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 (6.36 mM); Clear solution				

BIOLOGICAL ACTIVITY

Description	Isodeoxycholic acid (7α,12α-Dihydroxycholanoic acid) is the 3β-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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