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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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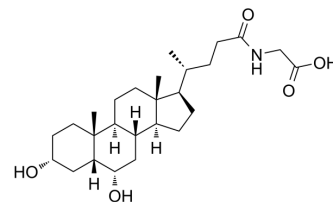
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Glycohyodeoxycholic acid

Cat. No.:	HY-126995
CAS No.:	13042-33-6
Molecular Formula:	C ₂₆ H ₄₃ NO ₅
Molecular Weight:	449.62
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 : 250 mg/mL (556.03 mM; Need ultrasonic)				
	Preparing Stock Solutions	Solvent Concentration Mass	1 mg	5 mg	10 mg
		1 mM	2.2241 mL	11.1205 mL	22.2410 mL
		5 mM	0.4448 mL	2.2241 mL	4.4482 mL
		10 mM	0.2224 mL	1.1121 mL	2.2241 mL
Please refer to the solubility information to select the appropriate solvent.					
In Vivo	1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 2.08 mg/mL (4.63 mM); Clear solution				
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.08 mg/mL (4.63 mM); Clear solution				
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil				
	Solubility: ≥ 2.08 mg/mL (4.63 mM); Clear solution				

BIOLOGICAL ACTIVITY

Description	Glycohyodeoxycholic acid is a major metabolite of Hyodeoxycholic acid in humans. Glycohyodeoxycholic acid has preventative effects on gallstone formation ^{[1][2]} .
IC ₅₀ & Target	Human Endogenous Metabolite

REFERENCES

[1]. Sacquet E, et al. Intestinal absorption, excretion, and biotransformation of hyodeoxycholic acid in man. J Lipid Res. 1983 May;24(5):604-13.

[2]. McSherry CK, et al. Hyodeoxycholic acid: a new approach to gallstone prevention. Am J Surg. 1985 Jan;149(1):126-32.

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

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