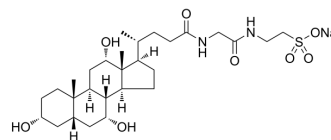


Sodium tauroglycocholate

Cat. No.:	HY-B2119
CAS No.:	41945-48-6
Molecular Formula:	C ₂₈ H ₄₇ N ₂ NaO ₈ S
Molecular Weight:	594.74
Target:	Biochemical Assay Reagents
Pathway:	Others
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	DMSO : 30 mg/mL (50.44 mM; Need ultrasonic and warming)				
		Solvent Concentration	Mass 1 mg	5 mg	10 mg
	Preparing Stock Solutions	1 mM	1.6814 mL	8.4070 mL	16.8141 mL
		5 mM	0.3363 mL	1.6814 mL	3.3628 mL
		10 mM	0.1681 mL	0.8407 mL	1.6814 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 (3.50 mM); Clear solution 2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.08 mg/mL (3.50 mM); Clear solution				

BIOLOGICAL ACTIVITY

Description	Sodium tauroglycocholate is an inhibitor of the biliary acid transporting system of the hepatocyte and also a surfactant used as a chemical permeation enhancer.
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REFERENCES

- [1]. Schuhmann-Giampieri G, et al. Biliary excretion and pharmacokinetics of a gadolinium chelate used as a liver-specific contrast agent for magnetic resonance imaging in the rat. J Pharm Sci. 1993 Aug;82(8):799-803.
- [2]. Kouchak M, et al. Effects of various penetration enhancers on penetration of aminophylline through shed snake skin. Jundishapur J Nat Pharm Prod. 2014 Feb;9(1):24-9.

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

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