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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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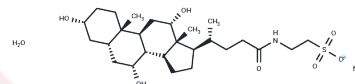
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Taurocholic acid sodium salt hydrate

Chemical Properties

CAS No. :	345909-26-4
Formula:	C ₂₆ H ₄₄ NNaO ₇ S ₁ ·xH ₂ O
Molecular Weight:	537.68
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Taurocholic acid sodium salt hydrate (Sodium taurocholate hydrate) is the product of conjugation of taurine with cholic acid. The sodium salt, the main ingredient of the bile of carnivorous animals, is used as a detergent to solubilize fats for absorption. It is used as a cholagogue and cholorectic.
Targets(IC50)	Others,Potassium Channel,Endogenous Metabolite

Solubility Information

Solubility	DMSO: 45 mg/mL (83.69 mM), (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8598 mL	9.2992 mL	18.5984 mL
5 mM	0.372 mL	1.8598 mL	3.7197 mL
10 mM	0.186 mL	0.9299 mL	1.8598 mL
50 mM	0.0372 mL	0.186 mL	0.372 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Reference

Li P, Chen Z, Meng K, et al. Discovery of Taurocholic Acid Sodium Hydrate as a Novel Repurposing Drug for Intervertebral Disc Degeneration by Targeting MAPK3. Orthopaedic Surgery. 2023

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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