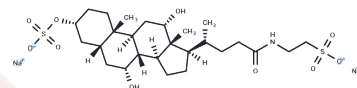


3-Sulfo-taurocholic acid disodium salt

Chemical Properties

CAS No. :	71781-33-4
Formula:	C ₂₆ H ₄₃ NNa ₂ O ₁₀ S ₂
Molecular Weight:	639.73
Storage:	Store at low temperature Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	3-Sulfo-taurocholic acid disodium salt (3-Sulfocholylyl Taurine disodium salt) is a derivative of bile acid taurocholic acid.
Targets(IC50)	Others, Drug Metabolite

Solubility Information

Solubility	PBS (pH 7.2): < 1 mg/mL (insoluble or slightly soluble) DMSO: < 1 mg/mL (insoluble or slightly soluble) DMF: < 1 mg/mL (insoluble or slightly soluble) (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5632 mL	7.8158 mL	15.6316 mL
5 mM	0.3126 mL	1.5632 mL	3.1263 mL
10 mM	0.1563 mL	0.7816 mL	1.5632 mL
50 mM	0.0313 mL	0.1563 mL	0.3126 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.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Li Jibiao, et al. Sortilin 1 loss-of-function protects against cholestatic liver injury by attenuating hepatic bile acid accumulation in bile duct ligated mice. *Toxicological Sciences* 161.1 (2018): 34-47.

Donazzolo Elena, et al. Improved synthesis of glycine, taurine and sulfate conjugated bile acids as reference compounds and internal standards for ESI-MS/MS urinary profiling of inborn errors of bile acid synthesis. *Chemistry and physics of lipids* 204 (2017): 43-56.

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