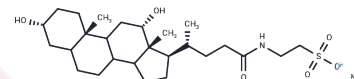


Taurodeoxycholate sodium salt

Chemical Properties

CAS No. :	1180-95-6
Formula:	C ₂₆ H ₄₄ NNaO ₆ S
Molecular Weight:	521.68
Storage:	Store at low temperature Powder: -20°C for 3 years In solvent: -80°C for 1 year <i>Actual storage temperature shall be subject to the COA.</i>



Biological Description

Description	Taurodeoxycholate sodium salt (Sodium taurodeoxylate) is a bile salt-related anionic detergent used for isolation of membrane proteins including inner mitochondrial membrane proteins. and it inhibits various inflammatory responses
Targets(IC50)	Apoptosis,NF-κB,Endogenous Metabolite,GPCR19,PARP,PKA

Solubility Information

Solubility	DMSO: 123 mg/mL (235.78 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+40% PEG300+5% Tween 80+45% Saline: 4 mg/mL (7.67 mM),Sonication is recommended. <i>Please add the solvents sequentially, clarifying the solution as much as possible before adding the next one. Dissolve by heating and/or sonication if necessary. Working solution is recommended to be prepared and used immediately. The formulation provided above is for reference purposes only. In vivo formulations may vary and should be modified based on specific experimental conditions.</i>

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9169 mL	9.5844 mL	19.1688 mL
5 mM	0.3834 mL	1.9169 mL	3.8338 mL
10 mM	0.1917 mL	0.9584 mL	1.9169 mL
50 mM	0.0383 mL	0.1917 mL	0.3834 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

Choi HJ, et al. Evaluation of acute and subacute toxicity of sodium taurodeoxycholate in rats. Drug Chem Toxicol. 2019 Jun 19:1-9.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481