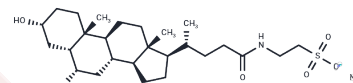


Taurohyodeoxycholic acid sodium salt

Chemical Properties

CAS No. :	38411-85-7
Formula:	C ₂₆ H ₄₄ NNaO ₆ S
Molecular Weight:	521.69
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	Taurohyodeoxycholic acid sodium salt (Sodium taurohyodeoxycholate hydrate) prevents apoptosis by blocking a calcium-mediated apoptotic pathway as well as caspase-12 activation.
Targets(IC50)	Caspase, Interleukin, TNF

Solubility Information

Solubility	DMSO: 127.5 mg/mL (244.4 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+90% Saline: 10 mg/mL (19.17 mM), Solution. PBS: 33 mg/mL (63.26 mM), Solution. <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	1.9168 mL	9.5842 mL	19.1685 mL
5 mM	0.3834 mL	1.9168 mL	3.8337 mL
10 mM	0.1917 mL	0.9584 mL	1.9168 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

Functional and proliferative effects of repeated low-dose oral administration of furan in rat liver[J]. molecular nutrition & food research, 2010, 54(11):1556-1567.

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