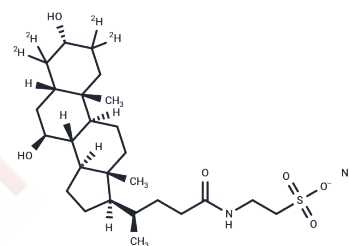


## Tauroursodeoxycholate-D4 sodium

## Chemical Properties

CAS No. :	2410279-95-5
Formula:	C <sub>26</sub> H <sub>44</sub> NNaO <sub>6</sub> S
Molecular Weight:	525.71
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	Tauroursodeoxycholate-D4 sodium is the deuterated form of Tauroursodeoxycholate sodium. Tauroursodeoxycholate (Tauroursodeoxycholic acid; TUDCA) sodium functions as an endoplasmic reticulum stress inhibitor. It significantly reduces the expression of apoptotic molecules such as caspase-3 and caspase-12. Additionally, Tauroursodeoxycholate inhibits ERK.
Targets(IC50)	Apoptosis,ERK,Caspase,Endogenous Metabolite

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9022 mL	9.5109 mL	19.0219 mL
5 mM	0.3804 mL	1.9022 mL	3.8044 mL
10 mM	0.1902 mL	0.9511 mL	1.9022 mL
50 mM	0.038 mL	0.1902 mL	0.3804 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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