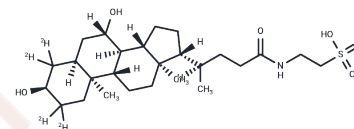


## Tauroursodeoxycholic-D4 Acid

## Chemical Properties

CAS No. :	2410279-94-4
Formula:	C <sub>26</sub> H <sub>41</sub> D <sub>4</sub> N <sub>0</sub> O <sub>6</sub> S
Molecular Weight:	503.73
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	Tauroursodeoxycholic-D4 Acid is a deuterated compound of Tauroursodeoxycholic Acid. Tauroursodeoxycholic Acid (T2532) has a CAS number of 14605-22-2. Tauroursodeoxycholate, also known as ursodocoltaurine, is a highly hydrophilic tertiary bile acid that is produced in humans at a low concentration. Tauroursodeoxycholate is the more hydrophilic form of ursodeoxycholic acid, which is the more abundant naturally produced bile acid in humans. Tauroursodeoxycholate is being investigated for use in several conditions such as Primary Biliary Cirrhosis (PBC), insulin resistance, amyloidosis, Cystic Fibrosis, Cholestasis, and Amyotrophic Lateral Sclerosis.
Targets(IC50)	Apoptosis,ERK,Caspase,Endogenous Metabolite

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9852 mL	9.926 mL	19.8519 mL
5 mM	0.397 mL	1.9852 mL	3.9704 mL
10 mM	0.1985 mL	0.9926 mL	1.9852 mL
50 mM	0.0397 mL	0.1985 mL	0.397 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.

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