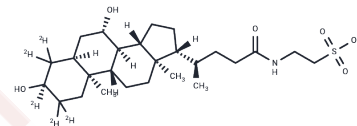


## Tauroursodeoxycholic-2,2,3,4,4-D5 Acid

## Chemical Properties

CAS No. :	1207294-25-4
Formula:	C <sub>26</sub> H <sub>40</sub> D <sub>5</sub> N <sub>0</sub> O <sub>6</sub> S
Molecular Weight:	504.73
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-2,2,3,4,4-D5 Acid is a deuterated compound of Tauroursodeoxycholic Acid. Tauroursodeoxycholic Acid (T2532) has a CAS number of 14605-22-2. Tauroursodeoxycholate, also known as ursodoxicoltaurine, 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	1.9813 mL	9.9063 mL	19.8126 mL
5 mM	0.3963 mL	1.9813 mL	3.9625 mL
10 mM	0.1981 mL	0.9906 mL	1.9813 mL
50 mM	0.0396 mL	0.1981 mL	0.3963 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**

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