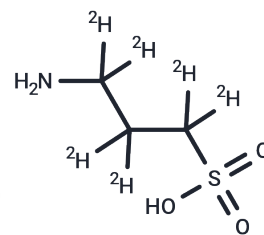


## Homotaurine-D6

## Chemical Properties

CAS No. :	1131576-06-1
Formula:	C3D6H3NO3S
Molecular Weight:	145.21
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	Homotaurine-D6 is a deuterated compound of Homotaurine. Homotaurine (T0883) has a CAS number of 3687-18-1. Because of its similarity in structure to the neurotransmitter gamma-aminobutyric acid (GABA), it has GABAergic effects and may be useful as an anticonvulsant. Homotaurine (T0883) has also been investigated as a potential treatment for Alzheimer's disease. It binds to soluble amyloid beta and inhibits the formation of neurotoxic aggregates that lead to amyloid plaque deposition in the brain. However, clinical trials failed to show improvement compared to placebo.
Targets(IC50)	Beta Amyloid

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	6.8866 mL	34.4329 mL	68.8658 mL
5 mM	1.3773 mL	6.8866 mL	13.7732 mL
10 mM	0.6887 mL	3.4433 mL	6.8866 mL
50 mM	0.1377 mL	0.6887 mL	1.3773 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