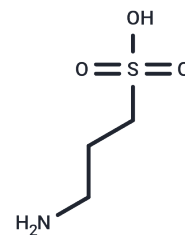


## Tramiprosate

## Chemical Properties

CAS No. :	3687-18-1
Formula:	C <sub>3</sub> H <sub>9</sub> NO <sub>3</sub> S
Molecular Weight:	139.17
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	Tramiprosate (Alzhemed) is an orally active, blood-brain-barrier-crossing, naturally occurring amino acid found in a variety of red seaweeds that binds soluble A $\beta$ and maintains it in a non-protofibrillar form. It is a GABA analog with neuroprotective, anticonvulsant, and antihypertensive activity.
Targets(IC50)	Beta Amyloid, GABA Receptor

## Solubility Information

Solubility	DMSO: Slightly soluble, H <sub>2</sub> O: 255 mg/mL (1832.29 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	7.1855 mL	35.9273 mL	71.8546 mL
5 mM	1.4371 mL	7.1855 mL	14.3709 mL
10 mM	0.7185 mL	3.5927 mL	7.1855 mL
50 mM	0.1437 mL	0.7185 mL	1.4371 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

Fariello RG, et al. Neurology, 1982, 32 (3): 241-5.

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