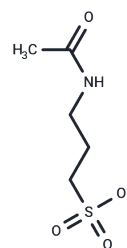


Acamprosate

Chemical Properties

CAS No. :	77337-76-9
Formula:	C ₅ H ₁₁ NO ₄ S
Molecular Weight:	181.21
Storage:	Store at low temperature Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	Acamprosate, an orally active neuromodulator, is used to study and treat alcohol dependence and alcoholism. Acamprosate is an analog of amino acid neurotransmitters (e.g., taurine and homocysteic acid) that modulates NMDA receptor activity via binding to a spermidine-sensitive site. Research indicates Acamprosate acts as a 'partial co-agonist' at NMDA receptors.
Targets(IC50)	Others,NMDAR,iGluR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.5185 mL	27.5923 mL	55.1846 mL
5 mM	1.1037 mL	5.5185 mL	11.0369 mL
10 mM	0.5518 mL	2.7592 mL	5.5185 mL
50 mM	0.1104 mL	0.5518 mL	1.1037 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

Mason BJ, et, al. Acamprosate: a prototypic neuromodulator in the treatment of alcohol dependence. *CNS Neurol Disord Drug Targets*. 2010 Mar;9(1):23-32.

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