

Acamprosate calcium

Chemical Properties

CAS No. : 77337-73-6

Formula: C₁₀H₂₀CaN₂O₈S₂

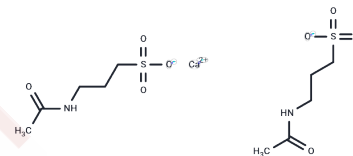
Molecular Weight: 400.48

Keep away from direct sunlight, Keep away from moisture

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	Acamprosate calcium (Campral EC) is a GABA receptor agonist and modulator of glutamatergic systems, used for treating alcohol dependence.
Targets(IC50)	GABA Receptor, iGluR

Solubility Information

Solubility	H ₂ O: 240 mg/mL (599.28 mM), Sonication is recommended. DMSO: Insoluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.497 mL	12.485 mL	24.970 mL
5 mM	0.4994 mL	2.497 mL	4.994 mL
10 mM	0.2497 mL	1.2485 mL	2.497 mL
50 mM	0.0499 mL	0.2497 mL	0.4994 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

Williams SH. Am Fam Physician. 2005 Nov 1;72(9):1775-80.

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