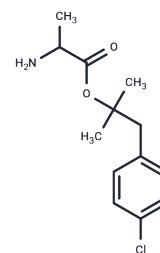


Alaproclate

Chemical Properties

CAS No. :	60719-82-6
Formula:	C ₁₃ H ₁₈ ClNO ₂
Molecular Weight:	255.74
Storage:	Pure form: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	Alaproclate is a non-competitive NMDA receptor antagonist and a new selective 5-HT uptake inhibitor for the study of depression and dementia.
Targets(IC50)	5-HT Receptor, NMDAR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.9102 mL	19.5511 mL	39.1022 mL
5 mM	0.782 mL	3.9102 mL	7.8204 mL
10 mM	0.391 mL	1.9551 mL	3.9102 mL
50 mM	0.0782 mL	0.391 mL	0.782 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

Campagna J, et al. A small molecule ApoE4-targeted therapeutic candidate that normalizes sirtuin 1 levels and improves cognition in an Alzheimer's disease mouse model. Sci Rep. 2018 Dec 4;8(1):17574.

Wilkinson A, et al. Alaproclate acts as a potent, reversible and noncompetitive antagonist of the NMDA receptor coupled ion flow.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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