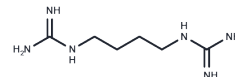


Arcaine sulfate

Chemical Properties

CAS No. : 14923-17-2
 Formula: C₆H₁₈N₆O₄S
 Molecular Weight: 270.31
 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	Arcaine sulfate is a NMDA antagonist.
Targets(IC50)	NMDAR,iGluR

Solubility Information

Solubility	H ₂ O: 6.76 mg/mL (25.01 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	3.6995 mL	18.4973 mL	36.9946 mL
5 mM	0.7399 mL	3.6995 mL	7.3989 mL
10 mM	0.3699 mL	1.8497 mL	3.6995 mL
50 mM	0.074 mL	0.3699 mL	0.7399 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

Mikolajczak P et al. Effects of acamprosate and some polyamine site ligands of NMDA receptor on short-term memory in rats. Eur J Pharmacol. 2002 May 24;444(1-2):83-96.

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