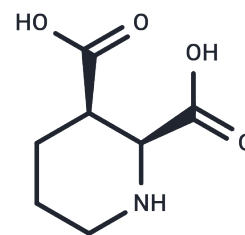


cis-PDA

Chemical Properties

CAS No. : 46026-75-9
Formula: C₇H₁₁NO₄
Molecular Weight: 173.17
Appearance: no data available
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	cis-PDA (cis PDA) is a general ionotropic receptor antagonist. cis-PDA acts by blocking NMDA, AMPA, and kainate-mediated responses.
Targets(IC50)	GluR,NMDAR,iGluR

Solubility Information

Solubility	H ₂ O: ≥15 mg/mL DMSO: Soluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.7747 mL	28.8734 mL	57.7467 mL
5 mM	1.1549 mL	5.7747 mL	11.5493 mL
10 mM	0.5775 mL	2.8873 mL	5.7747 mL
50 mM	0.1155 mL	0.5775 mL	1.1549 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.

Reference

Weber M, Bonaventure N, Sahel JA. Protective role of excitatory amino acid antagonists in experimental retinal ischemia. Graefes Arch Clin Exp Ophthalmol. 1995 Jun;233(6):360-5.

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