

NMDA receptor antagonist 6

Chemical Properties

CAS No. :

Formula: C₂₅H₂₃N₂O₂

Molecular Weight: 369.46

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	NMDA Receptor Antagonist 6 (Compound 13b) functions as an antagonist at the glycine-binding site of the NMDA receptor and demonstrates cytoprotective efficacy. It safeguards PC12 cells from NMDA-induced damage and apoptosis [1].
Targets(IC50)	iGluR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7067 mL	13.5333 mL	27.0665 mL
5 mM	0.5413 mL	2.7067 mL	5.4133 mL
10 mM	0.2707 mL	1.3533 mL	2.7067 mL
50 mM	0.0541 mL	0.2707 mL	0.5413 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.

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