

NMDA receptor antagonist 8

Chemical Properties

CAS No. :

Formula: C₂₂H₂₇N₃O

Molecular Weight: 349.47

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 | Compound (R)-10a, an NMDA receptor antagonist, exhibits selectivity for the GluN2B subunit, possessing a K _i of 265 nM and an IC ₅₀ of 62 nM. This compound is utilized in research pertaining to neurodegenerative diseases [1]. |
| Targets(IC ₅₀) | iGluR |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 2.8615 mL | 14.3074 mL | 28.6148 mL |
| 5 mM | 0.5723 mL | 2.8615 mL | 5.723 mL |
| 10 mM | 0.2861 mL | 1.4307 mL | 2.8615 mL |
| 50 mM | 0.0572 mL | 0.2861 mL | 0.5723 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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