

SDZ 220-040 ammonium

Chemical Properties

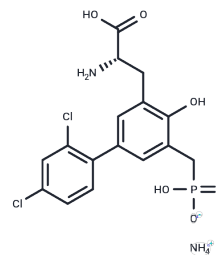
CAS No. :

Formula: C₁₆H₁₉Cl₂N₂O₆P

Molecular Weight: 437.21

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 | SDZ 220-040 ammonium is a competitive glutamate ionotropic receptor NMDA antagonist used in the study of neurological disorders. |
| Targets(IC50) | NMDAR |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 2.2872 mL | 11.4362 mL | 22.8723 mL |
| 5 mM | 0.4574 mL | 2.2872 mL | 4.5745 mL |
| 10 mM | 0.2287 mL | 1.1436 mL | 2.2872 mL |
| 50 mM | 0.0457 mL | 0.2287 mL | 0.4574 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

Brian G Forde. et al. Glutamate signalling via a MEKK1 kinase-dependent pathway induces changes in Arabidopsis root architecture. Plant J. 2013 Jul;75(1):1-10.

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