

## SDZ 220-040 ammonium

## Chemical Properties

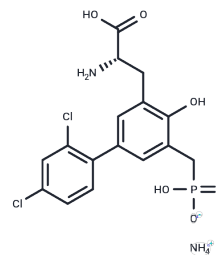
CAS No. :

Formula: C<sub>16</sub>H<sub>19</sub>Cl<sub>2</sub>N<sub>2</sub>O<sub>6</sub>P

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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Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481