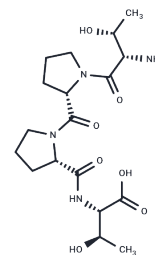


NT 13

## Chemical Properties

CAS No. : 117928-93-5  
 Formula: C<sub>18</sub>H<sub>30</sub>N<sub>4</sub>O<sub>7</sub>  
 Molecular Weight: 414.45  
 Storage: Keep away from moisture  
 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	NT 13 is a partial N-methyl-D-aspartate receptor (NMDAR) agonist used in the study of depression, anxiety, and other related diseases.
Targets(IC50)	iGluR

## Solubility Information

Solubility DMSO: 122.5 mg/mL (295.57 mM),Sonication is recommended.  
 (< 1 mg/ml refers to the product slightly soluble or insoluble)

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4128 mL	12.0642 mL	24.1284 mL
5 mM	0.4826 mL	2.4128 mL	4.8257 mL
10 mM	0.2413 mL	1.2064 mL	2.4128 mL
50 mM	0.0483 mL	0.2413 mL	0.4826 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

Moskal J. Methods of treating depression and other related diseases. US9340576B2

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