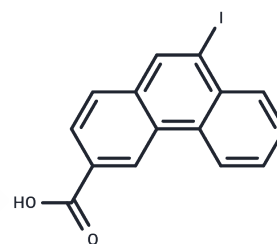


UBP512

## Chemical Properties

CAS No. : 1333112-78-9  
 Formula: C<sub>15</sub>H<sub>9</sub>O<sub>2</sub>  
 Molecular Weight: 348.14  
 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	UBP512 is a NMDA receptor modulator.
Targets(IC50)	Others, iGluR

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.8724 mL	14.362 mL	28.7241 mL
5 mM	0.5745 mL	2.8724 mL	5.7448 mL
10 mM	0.2872 mL	1.4362 mL	2.8724 mL
50 mM	0.0574 mL	0.2872 mL	0.5745 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

Monaghan DT, Irvine MW, Costa BM, Fang G, Jane DE. Pharmacological modulation of NMDA receptor activity and the advent of negative and positive allosteric modulators. *Neurochem Int.* 2012 Sep;61(4):581-92. doi: 10.1016/j.neuint.2012.01.004. Epub 2012 Jan 17. Review. PubMed PMID: 22269804; PubMed Central PMCID: PMC3360989.  
 Costa BM, Irvine MW, Fang G, Eaves RJ, Mayo-Martin MB, Skifter DA, Jane DE, Monaghan DT. A novel family of negative and positive allosteric modulators of NMDA receptors. *J Pharmacol Exp Ther.* 2010 Dec;335(3):614-21. doi: 10.1124/jpet.110.174144. Epub 2010 Sep 21. PubMed PMID: 20858708; PubMed Central PMCID: PMC2993558.

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