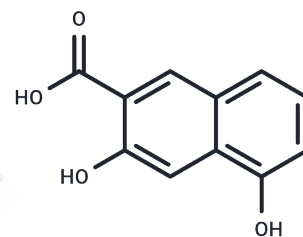


UBP551

Chemical Properties

CAS No. : 89-35-0
 Formula: C₁₁H₈O₄
 Molecular Weight: 204.18
 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	UBP551 is a potent and selective NMDA receptors modulator.
Targets(IC50)	NMDAR,iGluR

Solubility Information

Solubility	DMSO: 3.6 mg/mL (17.63 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.8976 mL	24.4882 mL	48.9764 mL
5 mM	0.9795 mL	4.8976 mL	9.7953 mL
10 mM	0.4898 mL	2.4488 mL	4.8976 mL
50 mM	0.098 mL	0.4898 mL	0.9795 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, et al. Pharmacological modulation of NMDA receptor activity and the advent of negative and positive allosteric modulators.[J]. *neurochemistry international*, 2012, 61(4):581-592.
 Costa B M , Irvine M W , Fang G , et al. A Novel Family of Negative and Positive Allosteric Modulators of NMDA Receptors[J]. *Journal of Pharmacology & Experimental Therapeutics*, 2010, 335(3):614-621.

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