

UBP618

Chemical Properties

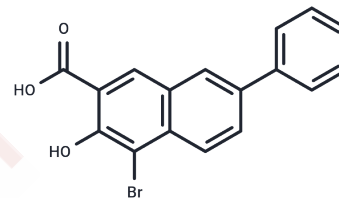
CAS No. : 1333110-86-3

Formula: C₁₇H₁₁BrO₃

Molecular Weight: 343.17

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	UBP618 is a GluN1/GluN2 receptors pan-inhibitor.
Targets(IC50)	Others, iGluR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.914 mL	14.570 mL	29.1401 mL
5 mM	0.5828 mL	2.914 mL	5.828 mL
10 mM	0.2914 mL	1.457 mL	2.914 mL
50 mM	0.0583 mL	0.2914 mL	0.5828 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, Laube B, Jane DE, Monaghan DT. Structure-activity relationships for allosteric NMDA receptor inhibitors based on 2-naphthoic acid. *Neuropharmacology.* 2012 Mar;62(4):1730-6. doi: 10.1016/j.neuropharm.2011.11.019. Epub 2011 Dec 6. PubMed PMID: 22155206; PubMed Central PMCID: PMC3269548.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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