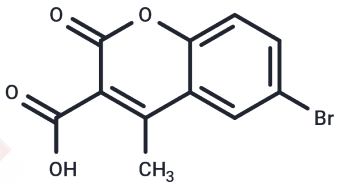
Data Sheet (Cat.No.T24919)

TargetMol

UBP714

Chemical Properties



CAS No. : 773109-55-0

Formula: C11H7BrO4

Molecular Weight: 283.07

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	UBP714 is a derivative of the NMDA receptor negative allosteric modulator UBP608. It also enhanced NMDAR mediated field EPSPs in the CA1 region of the hippocampus. UBP714 is a novel template for the development of potent and subunit selective NMDAR potentiators that may have therapeutic applicability in the therapy of patients with schizophrenia or cognitive deficits.
Targets(IC50)	Others,iGluR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.5327 mL	17.6635 mL	35.327 mL
5 mM	0.7065 mL	3.5327 mL	7.0654 mL
10 mM	0.3533 mL	1.7663 mL	3.5327 mL
50 mM	0.0707 mL	0.3533 mL	0.7065 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

Irvine MW, Costa BM, Volianskis A, Fang G, Ceolin L, Collingridge GL, Monaghan DT, Jane DE. Coumarin-3-carboxylic acid derivatives as potentiators and inhibitors of recombinant and native N-methyl-D-aspartate receptors. Neurochem Int. 2012 Sep;61(4):593-600. doi: 10.1016/j.neuint.2011.12.020. Epub 2012 Jan 13. PubMed PMID: 22265875; PubMed Central PMCID: PMC3394894.

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