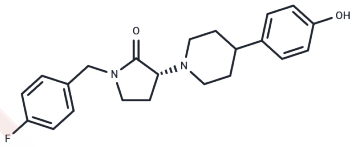
Data Sheet (Cat.No.T23809)

TargetMol

BMT-108908

Chemical Properties



CAS No. : 1801151-15-4

Formula: C22H25FN2O2

Molecular Weight: 368.44

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	BMT-108908 is a Negative Allosteric Modulator. It is selective for the NR2B Subtype of The NMDA Receptor Impair Cognition in Multiple Domains.
Targets(IC50)	Others,iGluR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7141 mL	13.5707 mL	27.1415 mL
5 mM	0.5428 mL	2.7141 mL	5.4283 mL
10 mM	0.2714 mL	1.3571 mL	2.7141 mL
50 mM	0.0543 mL	0.2714 mL	0.5428 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

Keavy D, Bristow LJ, Sivarao DV, Batchelder M, King D, Thangathirupathy S, Macor JE, Weed MR. The qEEG Signature of Selective NMDA NR2B Negative Allosteric Modulators; A Potential Translational Biomarker for Drug Development. PLoS One. 2016 Apr 1;11(4):e0152729. doi: 10.1371/journal.pone.0152729. eCollection 2016. PubMed PMID: 27035340; PubMed Central PMCID: PMC4817977.

Weed MR, Bookbinder M, Polino J, Keavy D, Cardinal RN, Simmermacher-Mayer J, Cometa FN, King D, Thangathirupathy S, Macor JE, Bristow LJ. Negative Allosteric Modulators Selective for The NR2B Subtype of The NMDA Receptor Impair Cognition in Multiple Domains. Neuropsychopharmacology. 2016 Jan;41(2):568-77. doi: 10.1038/npp.2015.184. Epub 2015 Jun 24. PubMed PMID: 26105137; PubMed Central PMCID: PMC5130132.

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