

BMT-108908 FA

## Chemical Properties

CAS No. :

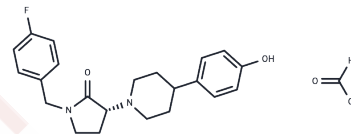
Formula: C<sub>23</sub>H<sub>27</sub>FN<sub>2</sub>O<sub>4</sub>

Molecular Weight: 414.47

Store at low temperature

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 FA is a selective negative allosteric modulator of the NMDA receptor GluN2B subunit, with an IC <sub>50</sub> of 4.2 nM in oocytes and antidepressant-like activity in mice, and can be used for treatment-resistant depression.
Targets(IC <sub>50</sub> )	NMDAR

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4127 mL	12.0636 mL	24.1272 mL
5 mM	0.4825 mL	2.4127 mL	4.8254 mL
10 mM	0.2413 mL	1.2064 mL	2.4127 mL
50 mM	0.0483 mL	0.2413 mL	0.4825 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

The qEEG Signature of Selective NMDA NR2B Negative Allosteric Modulators; A Potential Translational Biomarker for Drug Development.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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