

GluN2A Allosteric modulator 1

Chemical Properties

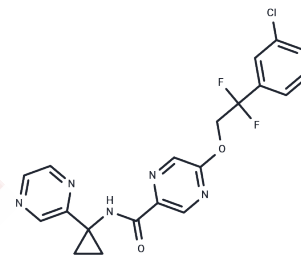
CAS No. :

Formula: C₂₀H₁₆ClF₂N₅O₂

Molecular Weight: 431.823

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	GluN2A Allosteric modulator 1 (Compound 11) is an orally bioavailable compound that effectively crosses the blood-brain barrier and functions as a highly selective negative allosteric modulator of GluN2A. It exhibits an IC ₅₀ of 0.042 μM for GluN2A and 13 μM for GluN2B. This compound is useful for research in neurological disorders.
Targets(IC ₅₀)	iGluR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3158 mL	11.5789 mL	23.1578 mL
5 mM	0.4632 mL	2.3158 mL	4.6316 mL
10 mM	0.2316 mL	1.1579 mL	2.3158 mL
50 mM	0.0463 mL	0.2316 mL	0.4632 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.

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