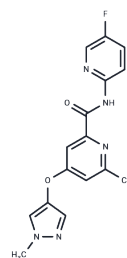


VU6043653

Chemical Properties

CAS No. : 3032791-06-0
 Formula: C₁₆H₁₄FN₅O₂
 Molecular Weight: 327.31
 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	VU6043653 is an effective, selective, and blood-brain barrier-permeable negative allosteric modulator of the metabotropic glutamate receptor subtype 5 (mGlu5), with an IC ₅₀ value of 325 nM against h mGlu5.
Targets(IC ₅₀)	HDAC,ROCK

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.0552 mL	15.276 mL	30.5521 mL
5 mM	0.611 mL	3.0552 mL	6.1104 mL
10 mM	0.3055 mL	1.5276 mL	3.0552 mL
50 mM	0.0611 mL	0.3055 mL	0.611 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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