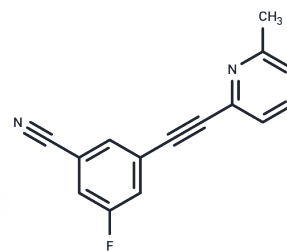


MFZ 10-7

Chemical Properties

CAS No. : 1224431-15-5
 Formula: C₁₅H₉FN₂
 Molecular Weight: 236.24
 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	MFZ 10-7 is a negative allosteric modulator of the mGluR5.
Targets(IC50)	GluR

Solubility Information

Solubility	DMSO: 45 mg/mL (190.48 mM), Sonication is recommended. Ethanol: < 27.27 mg/mL, Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.233 mL	21.1649 mL	42.3298 mL
5 mM	0.8466 mL	4.233 mL	8.466 mL
10 mM	0.4233 mL	2.1165 mL	4.233 mL
50 mM	0.0847 mL	0.4233 mL	0.8466 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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