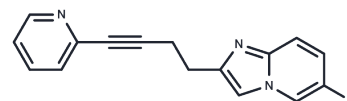


Dipraglurant

Chemical Properties

CAS No. : 872363-17-2
 Formula: C₁₆H₁₂FN₃
 Molecular Weight: 265.29
 Appearance: no data available
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	Dipraglurant is a negative allosteric regulator (NAM) of blood-brain barrier transmissible mGluR5 with effective, selective and oral activity, with an IC ₅₀ value of 21 nM. Dipraglurant can treat levodopa-induced dyskinesia in Parkinson's disease (PD-LID).
Targets(IC ₅₀)	Others

Solubility Information

Solubility	DMSO: 40 mg/mL (150.78 mM), (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.7695 mL	18.8473 mL	37.6946 mL
5 mM	0.7539 mL	3.7695 mL	7.5389 mL
10 mM	0.3769 mL	1.8847 mL	3.7695 mL
50 mM	0.0754 mL	0.3769 mL	0.7539 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.

Reference

The Synthesis and Use of Certain Pyridine Derivatives as Modulators of the G-protein Coupled Receptors mGlu5 and P2Y₁₂

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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