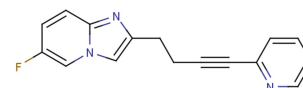


Dipraglurant

Chemical Properties

CAS No.:	872363-17-2
Formula:	C ₁₆ H ₁₂ FN ₃
Molecular Weight:	265.29
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	Dipraglurant is an antagonist of mGluR5 (IC ₅₀ : 0.021 μM).
Targets(IC ₅₀)	Others: None
In vivo	Dipraglurant displayed in vivo activity in different anxiety models in rat ⁵⁰ and is currently in phase II for the treatment of dyskinesia in Parkinson's disease.

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	3.769 mL	18.847 mL	37.695 mL
5 mM	0.754 mL	3.769 mL	7.539 mL
10 mM	0.377 mL	1.885 mL	3.769 mL
50 mM	0.075 mL	0.377 mL	0.754 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

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

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