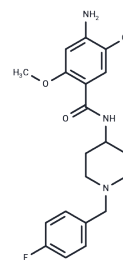


Fluoroclebopride

Chemical Properties

CAS No. :	154540-49-5
Formula:	C ₂₀ H ₂₃ ClFN ₃ O ₂
Molecular Weight:	391.87
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	Fluoroclebopride is a dopamine (DA) D2 receptor ligand.
Targets(IC50)	Dopamine Receptor

Solubility Information

Solubility	DMSO: 10 mg/mL (25.52 mM), 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	2.5519 mL	12.7593 mL	25.5187 mL
5 mM	0.5104 mL	2.5519 mL	5.1037 mL
10 mM	0.2552 mL	1.2759 mL	2.5519 mL
50 mM	0.051 mL	0.2552 mL	0.5104 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.

Reference

Michael A Nader, et al. Neuropsychopharmacology, Volume 21, Issue 4, October 1999, Pages 589-596

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