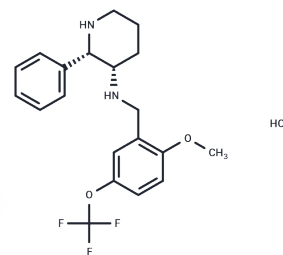


CP 122721 hydrochloride

Chemical Properties

CAS No. :	145877-52-7
Formula:	C ₂₀ H ₂₅ Cl ₂ F ₃ N ₂ O ₂
Molecular Weight:	453.33
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	CP 122721 hydrochloride is a potent and selective non-peptide (nonpeptide) neurokinin NK1 antagonist, demonstrating a pIC ₅₀ of 9.8 against the human NK1 receptor in IM-9 cells. It exhibits anxiolytic and antidepressant-like effects, as evidenced in studies [1] [2].
Targets(IC ₅₀)	Others, Neurokinin receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2059 mL	11.0295 mL	22.059 mL
5 mM	0.4412 mL	2.2059 mL	4.4118 mL
10 mM	0.2206 mL	1.1029 mL	2.2059 mL
50 mM	0.0441 mL	0.2206 mL	0.4412 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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