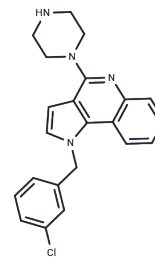


PZ-1922 free base

Chemical Properties

CAS No. :	1648745-65-6
Formula:	C ₂₂ H ₂₁ ClN ₄
Molecular Weight:	376.88
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	PZ-1922 free base is a brain-penetrant 5-HT ₆ R/5-HT ₃ R antagonist with K _i values of 17 nM and 0.45 nM, respectively. It reversibly inhibits MAO-B (pIC ₅₀ : 8.93). In rat novel object recognition (NOR) tests, PZ-1922 free base counteracts Scopolamine (SCOP)-induced memory deficits and prevents Aβ-induced memory decline in T-maze tests.
Targets(IC ₅₀)	5-HT Receptor, Monoamine Oxidase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6534 mL	13.2668 mL	26.5336 mL
5 mM	0.5307 mL	2.6534 mL	5.3067 mL
10 mM	0.2653 mL	1.3267 mL	2.6534 mL
50 mM	0.0531 mL	0.2653 mL	0.5307 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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