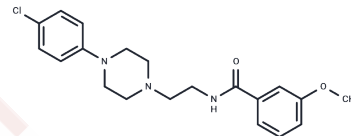


Dopamine D4 receptor ligand 2

Chemical Properties

CAS No. :	219125-63-0
Formula:	C ₂₀ H ₂₄ ClN ₃ O ₂
Molecular Weight:	373.88
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	Compound 17, a dopamine D4 receptor ligand, exhibits high potency and selectivity with IC ₅₀ values of 0.057 nM for D4, and >1000, 220, and 270 nM for D2, 5-HT1A, and α1 receptors, respectively [1].
Targets(IC ₅₀)	Dopamine Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6747 mL	13.3733 mL	26.7465 mL
5 mM	0.5349 mL	2.6747 mL	5.3493 mL
10 mM	0.2675 mL	1.3373 mL	2.6747 mL
50 mM	0.0535 mL	0.2675 mL	0.5349 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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