

UNC10099984A

## Chemical Properties

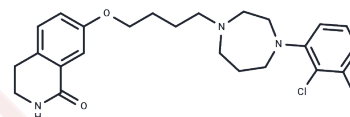
CAS No. : 1354030-25-3

Formula: C<sub>24</sub>H<sub>29</sub>Cl<sub>2</sub>N<sub>3</sub>O<sub>2</sub>

Molecular Weight: 462.41

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	UNC10099984A (Compound 6) is a functionally selective ligand for the dopamine D2 receptor, exhibiting a K <sub>i</sub> value of 4.6 nM and an EC <sub>50</sub> of 6.2 nM for β-arrestin. This compound is useful for research into central nervous system diseases related to the D2 receptor.
Targets(IC50)	Dopamine Receptor

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1626 mL	10.8129 mL	21.6258 mL
5 mM	0.4325 mL	2.1626 mL	4.3252 mL
10 mM	0.2163 mL	1.0813 mL	2.1626 mL
50 mM	0.0433 mL	0.2163 mL	0.4325 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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