

Atomoxetine-D3 hydrochloride

Chemical Properties

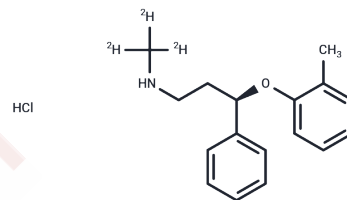
CAS No. : 1217776-38-9

Formula: C₁₇H₁₉D₃ClNO

Molecular Weight: 294.83

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	Atomoxetine-D3 hydrochloride, the deuterium-labeled form of Atomoxetine hydrochloride (TMSM-3559), acts as a potent and selective noradrenalin re-uptake inhibitor with K_i values of 5, 77, and 1451 nM for the inhibition of radioligand binding to human NET, SERT, and DAT, respectively [1] [2].
Targets(IC50)	Adrenergic Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.3918 mL	16.9589 mL	33.9179 mL
5 mM	0.6784 mL	3.3918 mL	6.7836 mL
10 mM	0.3392 mL	1.6959 mL	3.3918 mL
50 mM	0.0678 mL	0.3392 mL	0.6784 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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