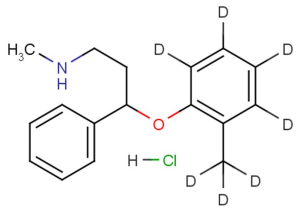
Data Sheet (Cat.No.T12657)

TargetMol
A DRUG SCREENING EXPERT

(Rac)-Atomoxetine D7 hydrochloride

Chemical Properties



CAS No.:	T12657
Formula:	C17H15D7ClNO
Molecular Weight:	298.86
Appearance:	N/A
Storage:	0-4℃ for short term (days to weeks), or -20℃ for long term (months).

Biological Description

Description	(Rac)-Atomoxetine D7 hydrochloride is a deuterium labeled (Rac)-Atomoxetine hydrochloride. (Rac)-Atomoxetine hydrochloride is a racemic form of Atomoxetine hydrochloride.
Targets(IC_{50})	Others: None

Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.346 mL	16.73 mL	33.46 mL
5 mM	0.669 mL	3.346 mL	6.692 mL
10 mM	0.335 mL	1.673 mL	3.346 mL
50 mM	0.067 mL	0.335 mL	0.669 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 ℃ for 6 months; - 20 ℃ for 1 month. Please use it as soon as possible.

Reference

1. Bymaster FP, Katner JS, Nelson DL et al. Atomoxetine increases extracellular levels of norepinephrine and dopamine in prefrontal cortex of rat: a potential mechanism for efficacy in attention deficit/hyperactivity disorder. Neuropsychopharmacology. 2002 Nov;27(5):699-711.

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