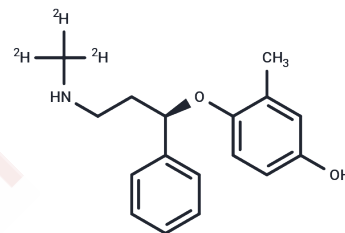


4-Hydroxyatomoxetine-D3

Chemical Properties

CAS No. : 1217686-14-0
 Formula: C17H21NO2
 Molecular Weight: 274.37
 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	4-Hydroxyatomoxetine-D3 is a deuterium labeled 4-Hydroxyatomoxetine. 4-Hydroxyatomoxetine (T10145) is an active metabolite of Atomoxetine. 4-Hydroxyatomoxetine (T10145) is metabolized by CYP2D6. Atomoxetine is a noradrenaline reuptake inhibitor.
Targets(IC50)	Adrenergic Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.6447 mL	18.2236 mL	36.4471 mL
5 mM	0.7289 mL	3.6447 mL	7.2894 mL
10 mM	0.3645 mL	1.8224 mL	3.6447 mL
50 mM	0.0729 mL	0.3645 mL	0.7289 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.

Reference

JT Brown, Single Dose Pharmacokinetics of Atomoxetine in Children

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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