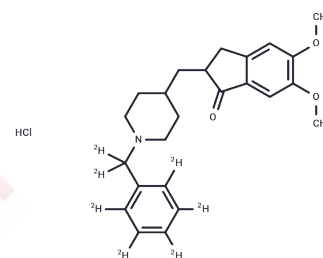


Donepezil-D7 hydrochloride

Chemical Properties

CAS No. :	1261394-20-0
Formula:	C ₂₄ H ₂₃ D ₇ ClNO ₃
Molecular Weight:	423
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	Donepezil-D7 hydrochloride is a deuterated compound of Donepezil Hydrochloride (T6478).
Targets(IC50)	Cholinesterase (ChE)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3641 mL	11.8203 mL	23.6407 mL
5 mM	0.4728 mL	2.3641 mL	4.7281 mL
10 mM	0.2364 mL	1.182 mL	2.3641 mL
50 mM	0.0473 mL	0.2364 mL	0.4728 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

Hori Y, et al. A study comparing the antisecretory effect of TAK-438, a novel potassium-competitive acid blocker, with lansoprazole in animals. J Pharmacol Exp Ther, 2011, 337(3), 797-804.

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