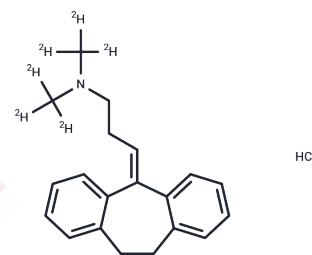


Amitriptyline-D6 hydrochloride

Chemical Properties

CAS No. :	203645-63-0
Formula:	C ₂₀ H ₁₈ D ₆ ClN
Molecular Weight:	319.9
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year <i>Actual storage temperature shall be subject to the COA.</i>



Biological Description

Description	Amitriptyline-D6 hydrochloride is a deuterated compound of Amitriptyline Hydrochloride. Amitriptyline Hydrochloride (T0678) has a CAS number of 549-18-8. Amitriptyline Hydrochloride is the hydrochloride salt of the tricyclic dibenzocycloheptadiene amitriptyline with antidepressant and antinociceptive activities.
Targets(IC50)	5-HT Receptor, Adrenergic Receptor, AChR, Histamine Receptor, Serotonin Transporter, Sodium Channel, Trk receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.126 mL	15.6299 mL	31.2598 mL
5 mM	0.6252 mL	3.126 mL	6.252 mL
10 mM	0.3126 mL	1.563 mL	3.126 mL
50 mM	0.0625 mL	0.3126 mL	0.6252 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.

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