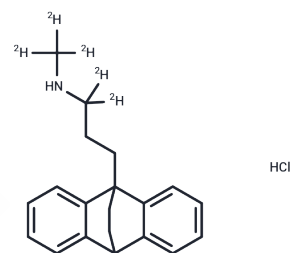


Maprotiline-D5 hydrochloride

Chemical Properties

CAS No. : 1794942-12-3
 Formula: C₂₀H₁₉D₅ClN
 Molecular Weight: 318.90
 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	Maprotiline-D5 hydrochloride is a deuterated compound of Maprotiline Hydrochloride. Maprotiline Hydrochloride (T0172) has a CAS number of 10347-81-6. Maprotiline hydrochloride is a bridged-ring tetracyclic antidepressant that is both mechanistically and functionally similar to the tricyclic antidepressants, including side effects associated with its use.
Targets(IC50)	Autophagy

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.1358 mL	15.6789 mL	31.3578 mL
5 mM	0.6272 mL	3.1358 mL	6.2716 mL
10 mM	0.3136 mL	1.5679 mL	3.1358 mL
50 mM	0.0627 mL	0.3136 mL	0.6272 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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