

N-Desmethyl Clomipramine-D3

Chemical Properties

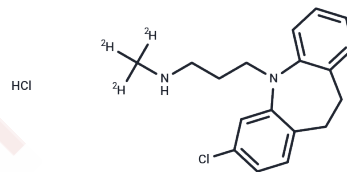
CAS No. : 1189971-04-7

Formula: C₁₈H₂₂Cl₂N₂

Molecular Weight: 340.31

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	N-Desmethyl Clomipramine-D3 is the deuterium labeled N-Desmethyl Clomipramine.
Targets(IC50)	Drug Metabolite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.9385 mL	14.6925 mL	29.385 mL
5 mM	0.5877 mL	2.9385 mL	5.877 mL
10 mM	0.2938 mL	1.4692 mL	2.9385 mL
50 mM	0.0588 mL	0.2938 mL	0.5877 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

Sioufi A, et al. Simultaneous determination of clomipramine and its N-desmethyl metabolite in human whole blood by capillary gas chromatography with mass-selective detection. J Chromatogr. 1988 Jun 24;428(1):71-80.

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