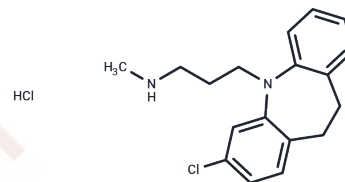


N-Desmethyl Clomipramine hydrochloride

Chemical Properties

CAS No. :	29854-14-6
Formula:	C ₁₈ H ₂₂ Cl ₂ N ₂
Molecular Weight:	337.29
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 hydrochloride is a primary plasma N-desmethyl Clomipramine metabolite .
Targets(IC50)	Others,Drug Metabolite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.9648 mL	14.824 mL	29.6481 mL
5 mM	0.593 mL	2.9648 mL	5.9296 mL
10 mM	0.2965 mL	1.4824 mL	2.9648 mL
50 mM	0.0593 mL	0.2965 mL	0.593 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.
- Härtter S, et al. Non-competitive inhibition of clomipramine N-demethylation by fluvoxamine. Psychopharmacology (Berl). 1995 Jan;117(2):149-53.

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