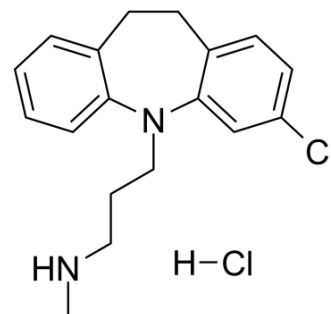


## N-Desmethyl Clomipramine hydrochloride

Cat. No.:	HY-12388A
CAS No.:	29854-14-6
Molecular Formula:	C <sub>18</sub> H <sub>22</sub> Cl <sub>2</sub> N <sub>2</sub>
Molecular Weight:	337.29
Target:	Drug Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the COA.



### BIOLOGICAL ACTIVITY

#### Description

N-Desmethyl Clomipramine hydrochloride (Desmethylclomipramine hydrochloride) is a primary plasma N-desmethyl metabolite of Clomipramine. Clomipramine is a tricyclic antidepressant<sup>[1][2]</sup>.

### REFERENCES

- [1]. 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.
- [2]. Härtter S, et al. Non-competitive inhibition of clomipramine N-demethylation by fluvoxamine. *Psychopharmacology (Berl).* 1995 Jan;117(2):149-53.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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