

## Certificate of Analysis

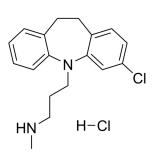
## N-Desmethyl Clomipramine (hydrochloride)

Cat. No.:	HY-12388A
CAS No.:	29854-14-6
Batch No.:	205089
Chemical Name:	5H-Dibenz[b,f]azepine-5-propanamine, 3-chloro-10,11-dihydro-N-methyl-, hydrochloride (1:1)

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	C <sub>18</sub> H <sub>22</sub> Cl <sub>2</sub> N <sub>2</sub>
Molecular Weight:	337.29
Storage:	4°C, sealed storage, away from moisture and light
	* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and

**Chemical Structure:** 



light)

## ANALYTICAL DATA

Appearance:	White to off-white (Solid)
<sup>1</sup> H NMR Spectrum:	Consistent with structure
LCMS:	Consistent with structure
Purity (LCMS):	99.73%
Conclusion:	The product has been tested and complies with the given specifications.

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

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