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CERTIFICATE OF ANALYSIS

Analysis Date: Jan 2023

Re-test Date: Dec 2026

Product Name: Cyclobenzaprine Hydrochloride (In House Standard)

Identification:

Chemical Name: 3-(5H-Dibenzo[a,d]cyclohepten-5-ylidene)-N,N-dimethyl-1-propanamine hydrochloride

Synonyms : NA

CAS Number : 6202-23-9

CAT Number : CP-C85000

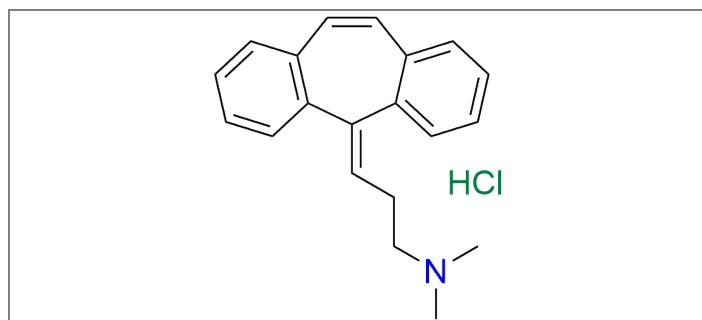
Molecular Formula : C₂₀H₂₁N:HCl

Molecular Weight : 275.4:36.5

Batch Number : CHEM-CYC-H

Storage Condition : Tightly closed, Inert atmosphere at 2 to 8° C

Shipping condition : All Products are stable to be shipped at room temperature, if specific condition required it is mention in the COA



Analytical Information:

Sr. No.	Test	Result
1)	Description	White Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	99.84%
5)	H1NMR	Confirm to structure
6)	13CNMR	Confirm to structure
7)	Weight loss by TGA	1.5%
8)	Potency by TGA	98.34%



Prepared and Reviewed By

Ms Priyanka Salunkhe
(Manager QC Analytical)

Approved By

Ms Rohini Gagare
(QA Head)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.