

CERTIFICATE OF ANALYSIS

(Certificate No. KMC243009-01)

Release Date: 01/07/2026

Re-test Date: 30/06/2029

Cyclobenzaprine Related Compound B

Identification

Chemical Name :

3-(5H-dibenzo[a,d][7]annulen-5-ylidene)-N-methylpropan-1-amine

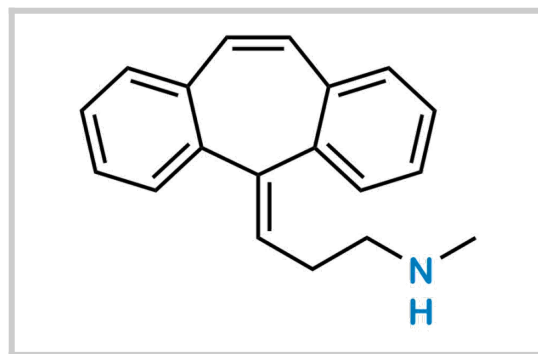
Alt. Name : Cyclobenzaprine Desmethyl

CAT No. : KMC243009

CAS No. : 303-50-4

Molecular Formula : C₁₉H₁₉N

Molecular Weight : 261.4



Analytical Information

Batch No. : C243009-136-073

Description : Brown Semi Solid

HPLC Purity : 99.78 %

Weight Loss By TGA : 2.85 %

% Potency : 96.94 %

Solubility : Acetonitrile

Mass : Confirm

IR : Confirm

¹H NMR : Confirm

Additional Information

Long Term Storage : Store at 2-8 deg. C for long term storage

Shipping Condition : Product is stable to be Shipped at Room Temperature

% Potency = [100 - 2.85(Weight Loss By TGA)] x [99.78(HPLC Purity)]/100 = 96.94 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		01/07/2026
Reviewed & Approved By	Quality Control	Jatin Patel		01/07/2026

Attachments : COA, HPLC, MASS, ¹HNMR, IR and TGA