

CERTIFICATE OF ANALYSIS

(Certificate No. KMI003002-01)

Release Date: 09/05/2024

Re-test Date: 08/05/2027

Desipramine Hydrochloride Impurity

Identification

Chemical Name :

3-(10,11-dihydro-5H-dibenzo[b,f]azepin-5-yl)-N-methylpropan-1-amine hydrochloride

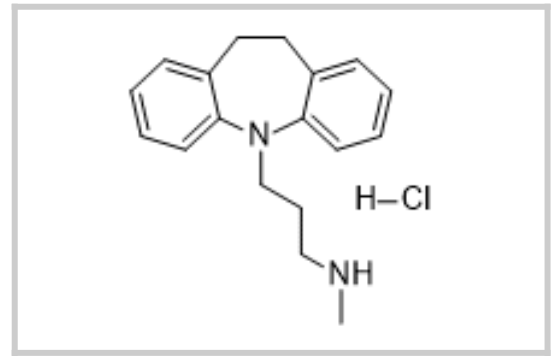
Alt. Name : Desipramine HCl

CAT No. : KMI003002

CAS No. : 58-28-6

Molecular Formula : C₁₈H₂₂N₂ : HCl

Molecular Weight : 266.38 : 36.5



Analytical Information

Batch No. : IMI-EPA-073-203

Description : Off White Solid

HPLC Purity : 99.79 %

Weight Loss By TGA : 0.17 %

% Potency : 99.62 %

Solubility : ACN : Water (1:1)

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 - 0.17(Weight Loss By TGA)] x [99.79(HPLC Purity)]/100 = 99.62 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		10/05/2024
Reviewed & Approved By	Quality Control	Jatin Patel		10/05/2024

Attachments : COA, HPLC, MASS, ¹H NMR, IR and TGA