CERTIFICATE OF ANALYSIS

(Certificate No. KMD005011-01)

Release Date: 12/07/2024 **Re-test Date:** 11/07/2027

Desipramine Impurity A

Identification

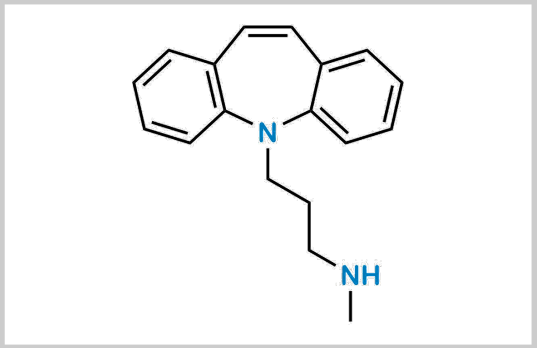
Chemical Name :
3-(5H-Dibenzo[b,f]azepin-5-yl)-N-methylpropan-1-amine ; Dehydrodesipramine [(3-Methylaminopropyl)-5H-dibenz[b,f]azepine]

CAT No. : KMD005011

CAS No. : 2010-13-1

Molecular Formula : C18H20N2

Molecular Weight : 264.4



Analytical Information

Batch No.	: DES-IMP-1-019-271	**Solubility**	: Methanol
Description	: Yellow Solid	**Mass**	: Confirm
HPLC Purity	: 98.56 %	**IR**	: Confirm
Weight Loss By TGA	: 0.90 %	**1H NMR**	: Confirm
% Potency	: 97.67 %		

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 - 0.90(Weight Loss By TGA)] x [98.56(HPLC Purity)]/100 = 97.67 %
-Re-tested on 12.07.2024

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		04/10/2024
Reviewed & Approved By	Quality Control	Jatin Patel		04/10/2024

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