

CERTIFICATE OF ANALYSIS

(Certificate No. KMD005015-01)

Release Date: 25/10/2024

Re-test Date: 24/10/2027

Nitroso Desmethyl Imipramine

Identification

Chemical Name :

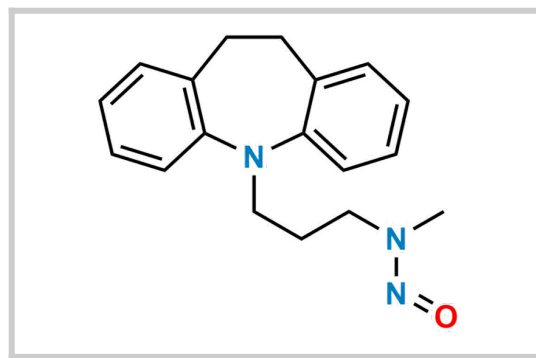
N-(3-(10,11-Dihydro-5H-dibenzo[b,f]azepin-5-yl)propyl)-N-methylnitrous amide

CAT No. : KMD005015

CAS No. : 57164-17-7

Molecular Formula : C₁₈H₂₁N₃O

Molecular Weight : 295.4



Analytical Information

Batch No. : D005015-091-005

Description : Yellow Thik Syrup

HPLC Purity : 99.95 %

Weight Loss By TGA : 1.36 %

% Potency : 98.59 %

Solubility : Methanol

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 = $[100 - 1.36(\text{Weight Loss By TGA})] \times [99.95(\text{HPLC Purity})]/100 = 98.59 \%$

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		26/10/2024
Reviewed & Approved By	Quality Control	Jatin Patel		26/10/2024

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