

CERTIFICATE OF ANALYSIS

(Certificate No. KMD005015-02)

Release Date: 30/05/2025

Re-test Date: 29/05/2028

Nitroso Desmethyl Imipramine

Identification

Chemical Name :

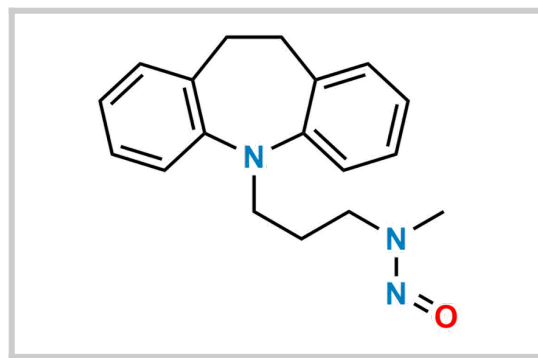
N-(3-(10,11-Dihydro-5H-dibenzo[b,f]azepin-5-yl)propyl)-N-methylnitrous amide

CAT No. : KMD005015

CAS No. : 57164-17-7

Molecular Formula : C₁₈H₂₁N₃O

Molecular Weight : 295.4



Analytical Information

Batch No. : D005015-102-050

Description : Light Brown Thick Syrup

HPLC Purity : 98.95 %

Weight Loss By TGA : 1.27 %

% Potency : 97.69 %

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 = $[100 - 1.27(\text{Weight Loss By TGA})] \times [98.95(\text{HPLC Purity})]/100 = 97.69 \%$

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		31/05/2025
Reviewed & Approved By	Quality Control	Jatin Patel		31/05/2025

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