CERTIFICATE OF ANALYSIS

(Certificate No. KMD005015-04)

Release Date: 13/12/2025 **Re-test Date:** 12/12/2028

NITROSO DESMETHYL IMIPRAMINE IMPURITY

Identification

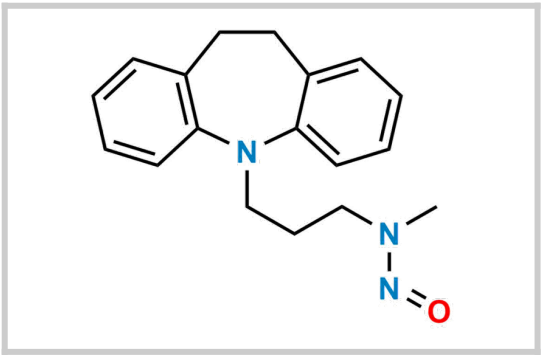
Chemical Name :
N-(3-(10,11-Dihydro-5H-dibenzo[b,f]azepin-5-yl)propyl)-N-methylnitrous amide (Mixture of E/Z Isomers)

CAT No. : KMD005015

CAS No. : 57164-17-7

Molecular Formula : C18H21N3O

Molecular Weight : 295.4



Analytical Information

Batch No.	: D005015-102-303	**Solubility**	: Acetonitrile
Description	: Yellow Solid	**Mass**	: Confirm
HPLC Purity	: 99.97 %	**IR**	: Confirm
Weight Loss By TGA	: 0.48 %	**1H NMR**	: Confirm
% Potency	: 99.49 %		

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 - 0.48(Weight Loss By TGA)] x [99.97(HPLC Purity)]/100 = 99.49 %
-Mixture of isomer

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		18/12/2025
Reviewed & Approved By	Quality Control	Jatin Patel		18/12/2025

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