

CERTIFICATE OF ANALYSIS

(Certificate No. KMA010001-01)

Release Date: 24/04/2024

Re-test Date: 23/04/2027

N-Nitroso-Desmethyl-Amitriptyline

Identification

Chemical Name :

N-(3-(10,11-dihydro-5H-dibenzo[a,d][7]annulen-5-ylidene)propyl)-N-methylnitrous amide (Mixture of E/Z Isomer)

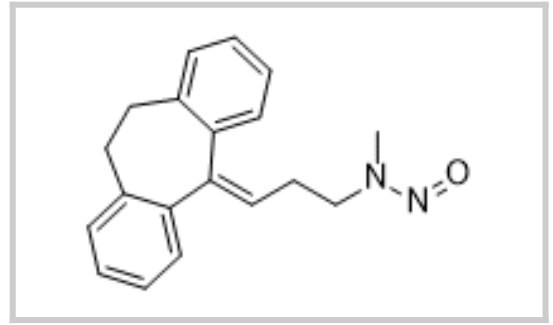
Alt. Name : N-Nitroso Nortriptyline

CAT No. : KMA010001

CAS No. : 55855-42-0

Molecular Formula : C₁₉H₂₀N₂O

Molecular Weight : 292.37



Analytical Information

Batch No. : AMI-N-NO-073-181

Description : Off White Solid

HPLC Purity : 99.98 %

Weight Loss By TGA : 1.32 %

% Potency : 98.66 %

Solubility : ACN

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 = $[100 - 1.32(\text{Weight Loss By TGA})] \times [99.98(\text{HPLC Purity})]/100 = 98.66 \%$
-Mixture of Isomers

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Parag Patel		20/12/2024
Reviewed & Approved By	Quality Control	Jatin Patel		20/12/2024

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