

CERTIFICATE OF ANALYSIS

(Certificate No. KMA010001-03)

Release Date: 05/06/2026

Re-test Date: 04/06/2029

N-Nitrosonortriptyline Impurity

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)

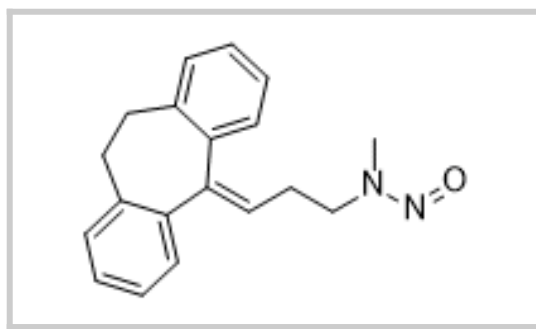
Alt. Name : N-Nitroso Nortriptyline

CAT No. : KMA010001

CAS No. : 55855-42-0

Molecular Formula : C₁₉H₂₀N₂O

Molecular Weight : 292.37



Analytical Information

Batch No. : A010001-136-002

Description : Off White Solid

HPLC Purity : 99.70 %

Weight Loss By TGA : 0.32 %

% Potency : 99.38 %

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 - 0.32(Weight Loss By TGA)] x [99.70(HPLC Purity)]/100 = 99.38 %
-Mixture of Isomers

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		05/06/2026
Reviewed & Approved By	Quality Control	Jatin Patel		05/06/2026

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