

CERTIFICATE OF ANALYSIS

(Certificate No. KMC030002-01)

Release Date: 27/05/2024

Re-test Date: 26/05/2027

N-Nitroso Desmethyl Carbinoxamine

Identification

Chemical Name :

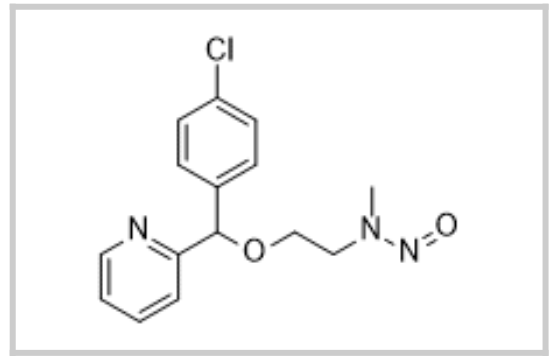
N-(2-((4-chlorophenyl)(pyridin-2-yl)methoxy)ethyl)-N-methylnitrous amide (Mixture of E/Z Isomer)

CAT No. : KMC030002

CAS No. : Not Available

Molecular Formula : C₁₅H₁₆ClN₃O₂

Molecular Weight : 305.76



Analytical Information

Batch No. : CAR-N-NO-073-242

Solubility : ACN

Description : Light Yellow Thick Syrup

Mass : Confirm

HPLC Purity : 98.66 %

IR : Confirm

Weight Loss By TGA : 0.29 %

¹H NMR : Confirm

% Potency : 98.37 %

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 = $[100 - 0.29(\text{Weight Loss By TGA})] \times [98.66(\text{HPLC Purity})]/100 = 98.37 \%$

-Mixture of Isomers

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		28/05/2024
Reviewed & Approved By	Quality Control	Jatin Patel		28/05/2024

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