

CERTIFICATE OF ANALYSIS

(Certificate No. KMD010002-02)

Release Date: 24/02/2025

Re-test Date: 23/02/2028

N-Nitroso-Desmethy-Cidoxepin

Identification

Chemical Name :

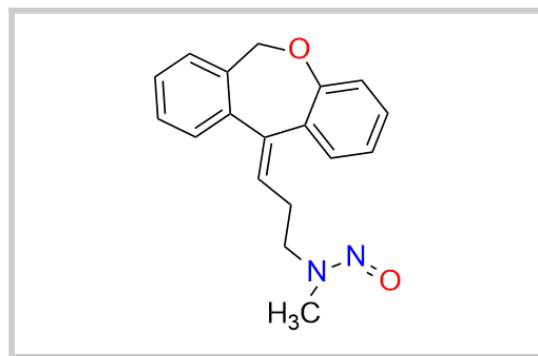
N-(3-(dibenzo[b,e]oxepin-11(6H)-ylidene)propyl)-N-methylnitrous amide (Mixture of E/Z Isomer)

CAT No. : KMD010002

CAS No. : Not Available

Molecular Formula : C₁₈H₁₈N₂O₂

Molecular Weight : 294.35



Analytical Information

Batch No. : DOX-N-NO-045-312

Solubility : Acetonitrile

Description : *Light Yellow Semi Solid

Mass : Confirm

HPLC Purity : 98.72 %

IR : Confirm

Weight Loss By TGA : 2.01 %

¹H NMR : Confirm

% Potency : 96.74 %

¹³C 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 - 2.01(Weight Loss By TGA)] x [98.72(HPLC Purity)]/100 = 96.74 %

-Mixture of Isomer

* Description change on 24.04.2025

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Ravi Patel		24/04/2025
Reviewed & Approved By	Quality Control	Jatin Patel		24/04/2025

Attachments : COA, HPLC, MASS, ¹HNMR, ¹³CNMR, IR and TGA