

# **CERTIFICATE OF ANALYSIS**

(Certificate No. KMD010002-02)

**Release Date:** 26/08/2025

**Re-test Date:** 25/08/2028

## **N-Nitroso Desmethyl Cidoxepin**

### **Identification**

**Chemical Name :**

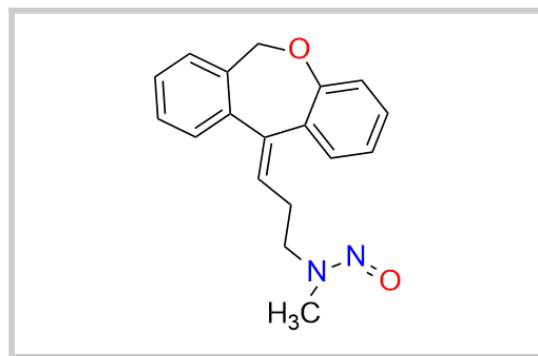
N-(3-(dibenzo[b,e]oxepin-11(6H)-ylidene)propyl)-N-methylnitrous amide (Mixture of E/Z Isomer)

**CAT No.** : KMD010002

**CAS No.** : Not Available

**Molecular Formula** : C<sub>18</sub>H<sub>18</sub>N<sub>2</sub>O<sub>2</sub>

**Molecular Weight** : 294.35



### **Analytical Information**

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

**Solubility** : Acetonitrile

**Description** : \*Light Yellow Semi Solid

**Mass** : Confirm

**HPLC Purity** : 96.81 %

**IR** : Confirm

**Weight Loss By TGA** : 2.10 %

**<sup>1</sup>H NMR** : Confirm

**% Potency** : 94.78 %

### **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 - 2.10(Weight Loss By TGA)] x [96.81(HPLC Purity)]/100 = 94.78 %

-Mixture of Isomer

\* Description change on 24.04.2025

-Re-tested on 26.08.2025

**Recommendation** : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Ravi Patel		26/08/2025
Reviewed & Approved By	Quality Control	Jatin Patel		26/08/2025

**Attachments** : COA, HPLC, MASS, <sup>1</sup>HNMR, IR and TGA