

# **CERTIFICATE OF ANALYSIS**

(Certificate No. KMD005015-04)

**Release Date:** 13/12/2025

**Re-test Date:** 12/12/2028

## **N-Nitroso Desipramine**

### **Identification**

**Chemical Name :**

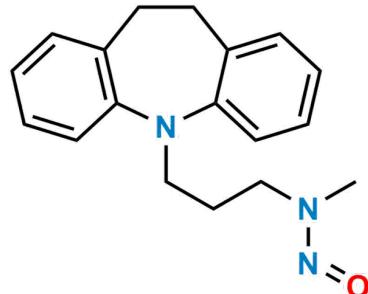
N-(3-(10,11-Dihydro-5H-dibenzo[b,f]azepin-5-yl)propyl)-N-methylnitrous amide (Mixture of E/Z Isomers)

**CAT No.** : KMD005015

**CAS No.** : 57164-17-7

**Molecular Formula** : C18H21N3O

**Molecular Weight** : 295.4



### **Analytical Information**

**Batch No.** : D005015-102-303

**Solubility** : Acetonitrile

**Description** : Yellow Solid

**Mass** : Confirm

**HPLC Purity** : 99.97 %

**IR** : Confirm

**Weight Loss By TGA** : 0.48 %

**1H NMR** : Confirm

**% Potency** : 99.49 %

**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 - 0.48(Weight Loss By TGA)] x [99.97(HPLC Purity)]/100 = 99.49 %

-Mixture of isomer

-13C NMR added on 08.01.2026

**Recommendation** : Released

Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel	10/01/2026
Reviewed & Approved By	Quality Control	Jatin Patel	10/01/2026

**Attachments** : COA, HPLC, MASS, 1HNMR, 13C NMR IR and TGA