

# **CERTIFICATE OF ANALYSIS**

(Certificate No. KMI003008-01)

**Release Date:** 02/02/2026

**Re-test Date:** 01/02/2029

## **Imipramine N-Oxide**

### **Identification**

#### **Chemical Name :**

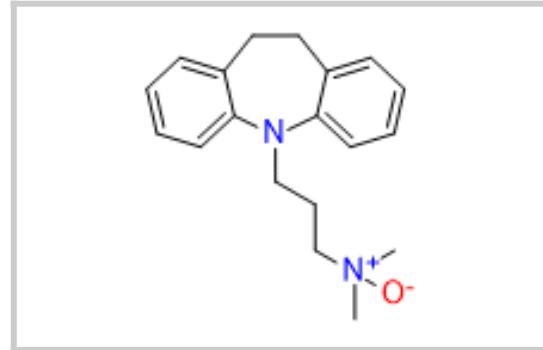
3-(10,11-dihydro-5H-dibenzo[b,f]azepin-5-yl)-N,N-dimethylpropan-1-amine oxide

**CAT No.** : KMI003008

**CAS No.** : 6829-98-7

**Molecular Formula** : C19H24N2O

**Molecular Weight** : 296.4



### **Analytical Information**

**Batch No.** : I003008-118-138

**Solubility** : Acetonitrile

**Description** : Not Available

**Mass** : Confirm

**HPLC Purity** : >95 %

**IR** : Should be Confirm

**Weight Loss By TGA** : NMT 1.0 %

**1H NMR** : Should be Confirm

**% Potency** : 94.05 %

### **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 - 1.0(Weight Loss By TGA)] x [95(HPLC Purity)]/100 = 94.05 %

**Recommendation** : Released

	<b>Department</b>	<b>Name</b>	<b>Signature</b>	<b>Date</b>
<b>Prepared By</b>	Analytical	Jignesh Patel		02/02/2026
<b>Reviewed &amp; Approved By</b>	Quality Control	Jatin Patel		02/02/2026

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