

# CERTIFICATE OF ANALYSIS

(Certificate No. KMI003008-01)

Release Date: 04/02/2026

Re-test Date: 03/02/2029

## Imipramine N-Oxide

### Identification

**Chemical Name :**

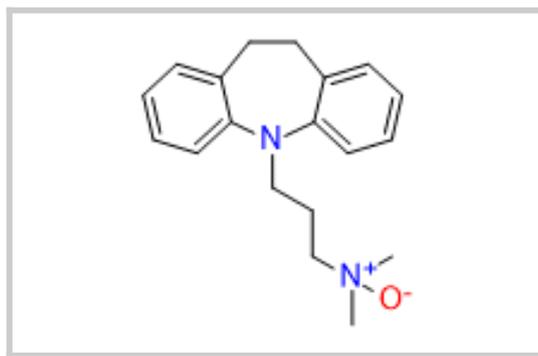
3-(10,11-dihydro-5H-dibenzo[b,f]azepin-5-yl)-N,N-dimethylpropan-1-amine oxide

**CAT No.** : KMI003008

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

**Molecular Formula** : C<sub>19</sub>H<sub>24</sub>N<sub>2</sub>O

**Molecular Weight** : 296.4



### Analytical Information

**Batch No.** : I003008-114-138

**Description** : Off White Solid

**HPLC Purity** : 98.99 %

**Weight Loss By TGA** : 2.38 %

**% Potency** : 96.63 %

**Solubility** : Acetonitrile

**Mass** : Confirm

**IR** : Confirm

**<sup>1</sup>H 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 - 2.38(Weight Loss By TGA)] x [98.99(HPLC Purity)]/100 = 96.63 %

**Recommendation** : Released

	Department	Name	Signature	Date
<b>Prepared By</b>	Analytical	Jignesh Patel		05/02/2026
<b>Reviewed &amp; Approved By</b>	Quality Control	Jatin Patel		05/02/2026

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