

# CERTIFICATE OF ANALYSIS

(Certificate No. KMD002006-01)

Release Date: 17/01/2025

Re-test Date: 16/01/2028

## Desvenlafaxine N-Oxide

### Identification

**Chemical Name :**

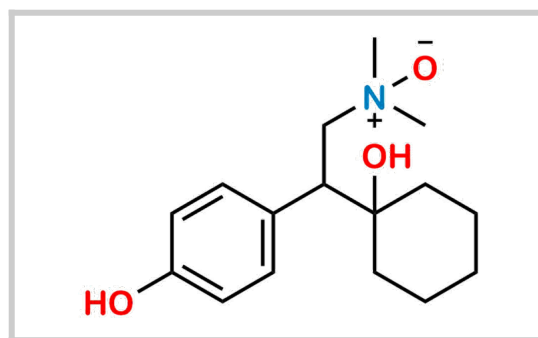
2-(1-Hydroxycyclohexyl)-2-(4-hydroxyphenyl)-N,N-dimethylethan-1-amine oxide

CAT No. : KMD002006

CAS No. : 1021933-95-8

Molecular Formula : C<sub>16</sub>H<sub>25</sub>NO<sub>3</sub>

Molecular Weight : 279.4



### Analytical Information

Batch No. : D002006

Description : Off white solid

HPLC Purity : NLT 95.1 %

Weight Loss By TGA : NLT 0.1 %

% Potency : 95 %

Solubility : Acetonitrile

Mass : Should be Confirm

IR : Should be Confirm

<sup>1</sup>H NMR : Should be 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 - 0.1(Weight Loss By TGA)] x [95.1(HPLC Purity)]/100 = 95 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		17/01/2025
Reviewed & Approved By	Quality Control	Jignesh Menpara		17/01/2025

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