

# CERTIFICATE OF ANALYSIS

(Certificate No. KMV003004-01)

Release Date: 19/05/2022

Re-test Date: 18/05/2025

## Vortioxetine S-Oxide

### Identification

**Chemical Name :**

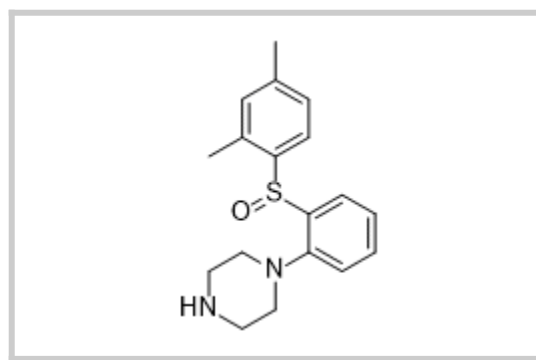
1-(2-((2,4-dimethylphenyl)sulfinyl)phenyl)piperazine

**CAT No.** : KMV003004

**CAS No.** : 1429908-35-9

**Molecular Formula** : C<sub>18</sub>H<sub>22</sub>N<sub>2</sub>O<sub>S</sub>

**Molecular Weight** : 314.45



### Analytical Information

**Batch No.** : VOR-S-OXIDE-030-106

**Description** : Off White Solid

**HPLC Purity** : 96.76 %

**Weight Loss By TGA** : 0.73 %

**% Potency** : 96.05 %

**Solubility** : ACN

**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 - 0.73(Weight Loss By TGA)] x [96.76(HPLC Purity)]/100 = 96.05 %

Remarks : COA Re-generated on 10.06.2024

-As per client request product name changed on 20.06.2024

**Recommendation** : Released

	Department	Name	Signature	Date
<b>Prepared By</b>	Analytical	Jignesh Patel		20/06/2024
<b>Reviewed &amp; Approved By</b>	Quality Control	Jatin Patel		20/06/2024

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