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## CERTIFICATE OF ANALYSIS

Analysis Date: Jul 2024

Re-test Date: Jun 2027

**Product Name: Vortioxetine Sulfoxide**

### Identification:

Chemical Name: 1-(2-((2,4-Dimethylphenyl)sulfinyl)phenyl)piperazine

Synonyms : NA

CAS Number : 1429908-35-9

CAT Number : CP-V36003

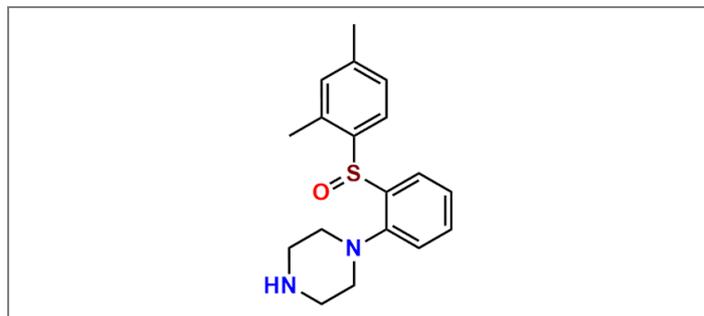
Molecular Formula : C<sub>18</sub>H<sub>22</sub>N<sub>2</sub>O<sub>2</sub>S

Molecular Weight : 314.45

Batch Number : CP-VOR-SO-0624

Storage Condition : Tightly closed, Inert atmosphere at 2 to 8° C

Shipping condition : All Products are stable to be shipped at room temperature, if specific condition required it is mention in the COA



### Analytical Information:

Sr. No.	Test	Result
1)	Description	Off White Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	97.65%
5)	<sup>1</sup> HNMR	Confirm to structure
6)	Weight loss by TGA	1.397%
7)	Potency by TGA	96.28%



Prepared and Reviewed By

Ms Priyanka Salunkhe  
(Quality Control)

Approved By

Ms Rohini Gagare  
(Quality Assurance)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.