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## CERTIFICATE OF ANALYSIS

Analysis Date: Mar 2025

Re-test Date: Feb 2028

**Product Name: N-Methyl Vortioxetine**

### Identification:

Chemical Name: 1-(2-((2,4-Dimethylphenyl)thio)phenyl)-4-methylpiperazine

Synonyms : NA

CAS Number : 1293489-87-8

CAT Number : CP-V36112

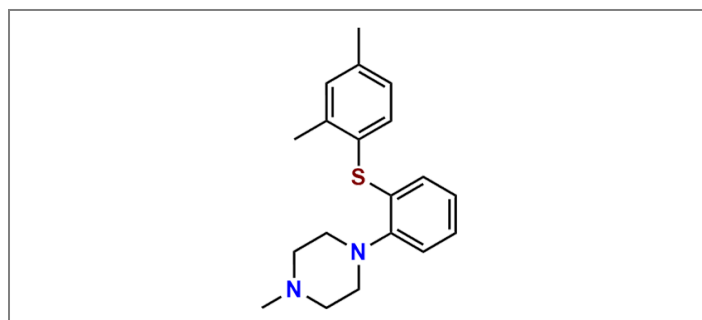
Molecular Formula : C<sub>19</sub>H<sub>24</sub>N<sub>2</sub>S

Molecular Weight : 312.5

Batch Number : CP-VOR-NME-0325

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)	Solubility	Soluble in Methanol/DMSO
2)	MASS By LCMS	Confirm to Structure
3)	Purity by HPLC	99.49%
4)	<sup>1</sup> HNMR	Confirm to Structure
5)	<sup>13</sup> CNMR	Confirm to Structure
6)	IR	Confirm to Structure
7)	Weight loss by TGA	0.123%
8)	Potency by TGA	99.37%



**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.