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CERTIFICATE OF ANALYSIS

Analysis Date: Nov 2025

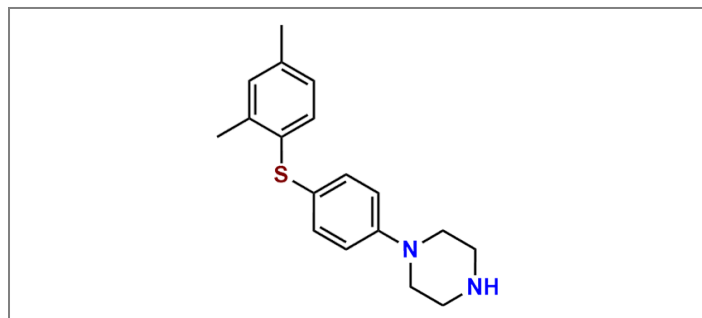
Re-test Date: Oct 2028

Product Name: Para-Vortioxetine Impurity

Identification:

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

Synonyms : NA
CAS Number : 1815608-51-5
CAT Number : CP-V36042
Molecular Formula : $C_{18}H_{22}N_2S$
Molecular Weight : 298.45
Batch Number : CP-VOR-PI-0724



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	Brown Hygroscopic Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	Mass Spectrometry	Confirm to structure
4)	Purity By HPLC	92.68%
5)	1H NMR	Confirm to structure



Prepared and Reviewed By

Mr. Shubham Bondre
(Quality Control)

Approved By

Mr. Abhijit Kale
(Quality Assurance)

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