

CERTIFICATE OF ANALYSIS

(Certificate No. KMV003001-01)

Release Date: 06/02/2024

Re-test Date: 05/02/2027

Vortioxetine Impurity-2

Identification

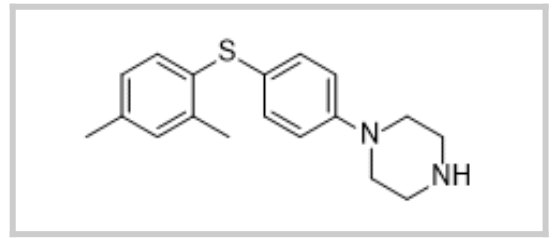
Chemical Name :
1-(4-((2,4-dimethylphenyl)thio)phenyl)piperazine

CAT No. : KMV003001

CAS No. : 1815608-51-5

Molecular Formula : C₁₈H₂₂N₂S

Molecular Weight : 298.45



Analytical Information

Batch No. : VOR-PAR-073- 052

Description : Light Brown Solid

HPLC Purity : 96.27 %

Weight Loss By TGA : 0.85 %

% Potency : 95.45 %

Solubility : ACN

Mass : Confirm

IR : Confirm

¹H 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 - 0.85(Weight Loss By TGA)] x [96.27(HPLC Purity)]/100 = 95.45 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		
Reviewed & Approved By	Quality Control	Jatin Patel		

Attachments : COA, HPLC, MASS, ¹HNMR, IR and TGA