

# CERTIFICATE OF ANALYSIS

(Certificate No. KMV003028-02)

Release Date: 01/08/2025

Re-test Date: 31/07/2028

## Vortioxetine Hydrobromide PRS

### Identification

**Chemical Name :**

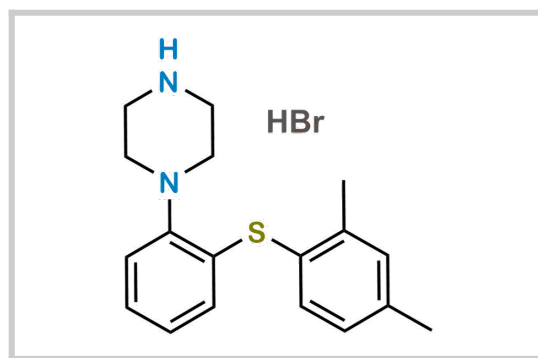
1-(2-((2,4-Dimethylphenyl)thio)phenyl)piperazine hydrobromide

CAT No. : KMV003028

CAS No. : 960203-27-4

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

Molecular Weight : 298.4 : 80.9



### Analytical Information

Batch No. : AH/VORH/0525/001

Description : White Solid

HPLC Purity : 99.93 %

Weight Loss By TGA : 0.12 %

% Potency : 99.81 %

Solubility : Acetonitrile

Mass : Confirm

IR : Confirm

<sup>1</sup>H NMR : Confirm

<sup>13</sup>C NMR : Confirm

### Additional Information

Long Term Storage : Store at Ambient temperature for long term storage

Shipping Condition : Product is stable to be Shipped at Room Temperature

% Potency = [100 - 0.12(Weight Loss By TGA)] x [99.93(HPLC Purity)]/100 = 99.81 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Bhargav Kathiriya		01/08/2025
Reviewed & Approved By	Quality Control	Viraj Akabri		01/08/2025

Attachments : COA, HPLC, MASS, <sup>1</sup>HNMR, <sup>13</sup>CNMR, IR and TGA