

CERTIFICATE OF ANALYSIS

(Certificate No. KMV003063-01)

Release Date: 03/05/2025

Re-test Date: 02/05/2028

Vortioxetine Related Compound G

Identification

Chemical Name :

1-(2-((2,6-dimethylphenyl)thio)phenyl)piperazine hydrochloride

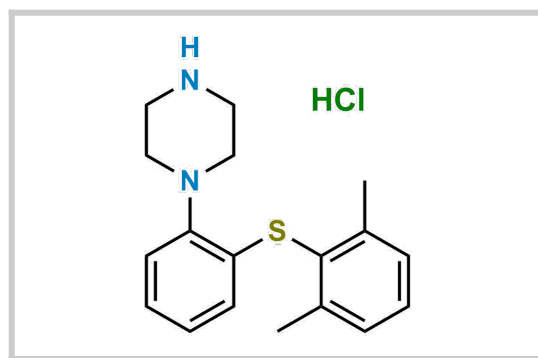
Alt. Name : Vortioxetine Related Compound G

CAT No. : KMV003063

CAS No. : 508233-76-9 (Free Base) : Not
Avilabale (HCl Salt)

Molecular Formula : C₁₈H₂₂N₂S : HCl

Molecular Weight : 298.4 : 36.5



Analytical Information

Batch No. : V003063-091-365

Description : Creamish Solid

HPLC Purity : 99.73 %

Weight Loss By TGA : 0.29 %

% Potency : 99.44 %

Solubility : ACN : Water (1:1)

Mass : Confirm

IR : Confirm

¹H NMR : Confirm

¹³C 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 - 0.29(Weight Loss By TGA)] x [99.73(HPLC Purity)]/100 = 99.44 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		09/05/2025
Reviewed & Approved By	Quality Control	Jatin Patel		09/05/2025

Attachments : COA, HPLC, MASS, ¹HNMR, ¹³CNMR, IR and TGA