CERTIFICATE OF ANALYSIS

(Certificate No. KMV003063-01)

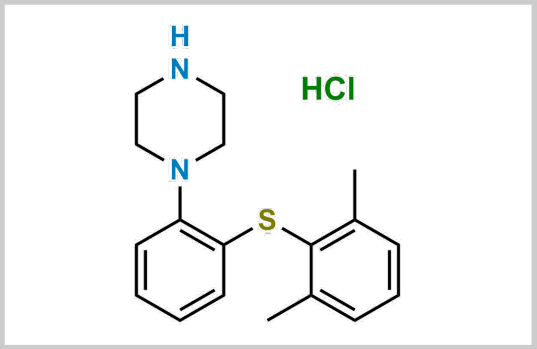
Release Date: 03/05/2025 **Re-test Date:** 02/05/2028

Vortioxetine Releated Compund 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	**Solubility**	: ACN : Water (1:1)
Description	: Creamish Solid	**Mass**	: Confirm
HPLC Purity	: 99.73 %	**IR**	: Confirm
Weight Loss By TGA	: 0.29 %	**1H NMR**	: Confirm
% Potency	: 99.44 %	**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