

CERTIFICATE OF ANALYSIS

(Certificate No. KMV003037-01)

Release Date: 20/05/2025

Re-test Date: 19/05/2028

Vortioxetine Impurity 2

Identification

Chemical Name :

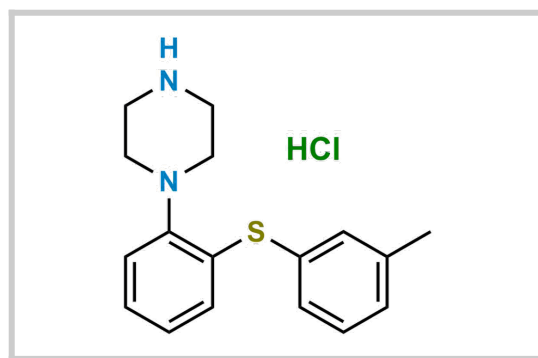
1-(2-(m-Tolylthio)phenyl)piperazine hydrochloride

CAT No. : KMV003037

CAS No. : 1293342-89-8

Molecular Formula : C₁₇H₂₀N₂S : HCl

Molecular Weight : 284.4 : 36.5



Analytical Information

Batch No. : V003037-102-032

Description : Off White Solid

HPLC Purity : 96.97 %

Weight Loss By TGA : 0.29 %

% Potency : 96.69 %

Solubility : Water

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 - 0.29(Weight Loss By TGA)] x [96.97(HPLC Purity)]/100 = 96.69 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		20/05/2025
Reviewed & Approved By	Quality Control	Jatin Patel		20/05/2025

Attachments : COA, HPLC, ¹H NMR, MASS, IR and TGA