

CERTIFICATE OF ANALYSIS

(Certificate No. KMV003044-01)

Release Date: 12/11/2024

Re-test Date: 11/11/2027

Vortioxetine Impurity 3

Identification

Chemical Name :

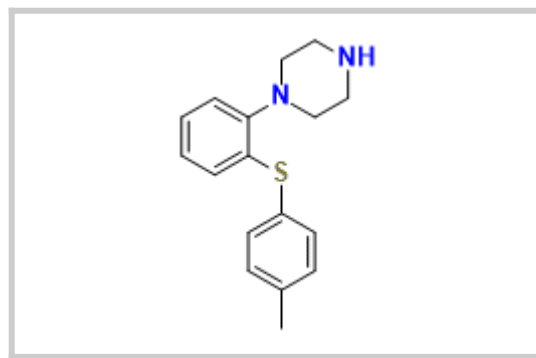
1-(2-(p-tolylthio)phenyl)piperazine ; 1-(2-(p-tolylthio)phenyl)piperazine

CAT No. : KMV003044

CAS No. : 508233-82-7

Molecular Formula : C₁₇H₂₀N₂S

Molecular Weight : 284.4



Analytical Information

Batch No. : V003044-091-027

Description : Off White Solid

HPLC Purity : 99.87 %

Weight Loss By TGA : 0.02 %

% Potency : 99.85 %

Solubility : Methanol

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 - 0.02(Weight Loss By TGA)] x [99.87(HPLC Purity)]/100 = 99.85 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		12/11/2024
Reviewed & Approved By	Quality Control	Jatin Patel		12/11/2024

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