

CERTIFICATE OF ANALYSIS

(Certificate No. KMV003082-01)

Release Date: 26/03/2025

Re-test Date: 25/03/2028

1-(2-((2,4-dimethylphenyl) thio) phenyl)piperazine hydrochloride

Identification

Chemical Name :

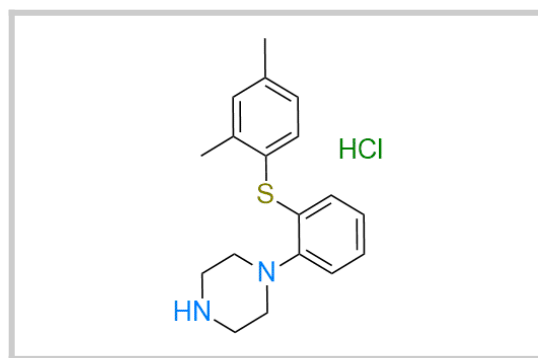
1-(2-((2,4-dimethylphenyl) thio) phenyl)piperazine hydrochloride

CAT No. : KMV003082

CAS No. : 960203-28-5

Molecular Formula : C₁₈H₂₂N₂S : HCl

Molecular Weight : 298.4 : 36.5



Analytical Information

Batch No. : V003082-091-288

Description : White Solid

HPLC Purity : 99.97 %

Weight Loss By TGA : 3.70 %

% Potency : 96.27 %

Solubility : Methanol

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 - 3.70(Weight Loss By TGA)] x [99.97(HPLC Purity)]/100 = 96.27 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		27/03/2025
Reviewed & Approved By	Quality Control	Jatin Patel		27/03/2025

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