

CERTIFICATE OF ANALYSIS

(Certificate No. KMV003003-01)

Release Date: 06/02/2024

Re-test Date: 05/02/2027

Desethylene Vortioxetine

Identification

Chemical Name :

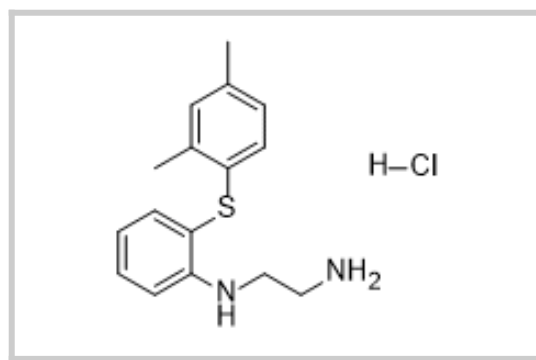
N1-(2-((2,4-Dimethylphenyl)thio)phenyl)ethane-1,2-diamine hydrochloride

CAT No. : KMV003003

CAS No. : Not Available

Molecular Formula : C₁₆H₂₀N₂S : HCl

Molecular Weight : 272.41 : 36.5



Analytical Information

Batch No. : VOR-DES-073-059

Solubility : ACN

Description : Brown Hygroscopic Solid

Mass : Confirm

HPLC Purity : 97.87 %

IR : Confirm

Weight Loss By TGA : 2.29 %

¹H NMR : Confirm

% Potency : 95.63 %

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 = $[100 - 2.29(\text{Weight Loss By TGA})] \times [97.87(\text{HPLC Purity})]/100 = 95.63 \%$

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		
Reviewed & Approved By	Quality Control	Jatin Patel		

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