

CERTIFICATE OF ANALYSIS

(Certificate No. KMV003002-01)

Release Date: 05/02/2024

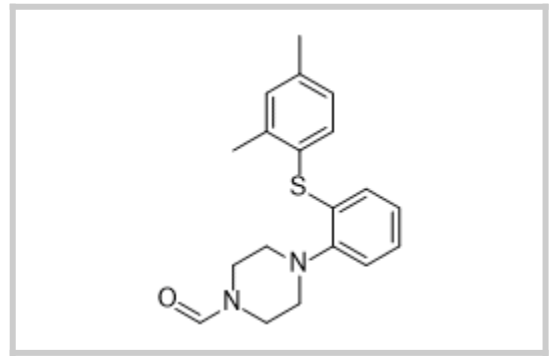
Re-test Date: 04/02/2027

N-Formyl Vortioxetine

Identification

Chemical Name :
4-(2-((2,4-Dimethylphenyl)thio)phenyl)piperazine-1-carbaldehyde

CAT No. : KMV003002
CAS No. : 2135576-73-5
Molecular Formula : C₁₉H₂₂N₂O
Molecular Weight : 326.46



Analytical Information

Batch No.	: VOR-N-FOR-073-051	Solubility	: ACN
Description	: Off White Solid	Mass	: Confirm
HPLC Purity	: 99.94 %	IR	: Confirm
Weight Loss By TGA	: 0.14 %	¹H NMR	: Confirm
% Potency	: 99.8 %		

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 = $[100 - 0.14(\text{Weight Loss By TGA})] \times [99.94(\text{HPLC Purity})]/100 = 99.8 \%$
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