CERTIFICATE OF ANALYSIS

(Certificate No. KMV003017-01)

Release Date: 13/05/2026 **Re-test Date:** 12/05/2029

N-Nitroso Vortioxetine Sulfoxide Impurity

Identification

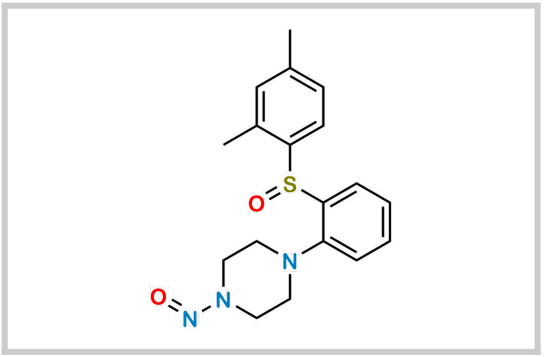
Chemical Name :
1-(2-((2,4-Dimethylphenyl)sulfinyl)phenyl)-4-nitrosopiperazine

CAT No. : KMV003017

CAS No. : Not Available

Molecular Formula : C18H21N3O2S

Molecular Weight : 343.4



Analytical Information

Batch No.	: V003017-114-318	**Solubility**	: ACN
Description	: Off White Solid	**Mass**	: Confirm
HPLC Purity	: 99.74 %	**IR**	: Confirm
Weight Loss By TGA	: 0.60 %	**1H NMR**	: Confirm
% Potency	: 99.14 %		

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 - 0.60(Weight Loss By TGA)] x [99.74(HPLC Purity)]/100 = 99.14 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		13/05/2026
Reviewed & Approved By	Quality Control	Jatin Patel		13/05/2026

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