CERTIFICATE OF ANALYSIS

(Certificate No. KMV003011-01)

Release Date: 29/11/2025 **Re-test Date:** 27/11/2028

N-Nitroso Vortioxetine Bromo Impurity

Identification

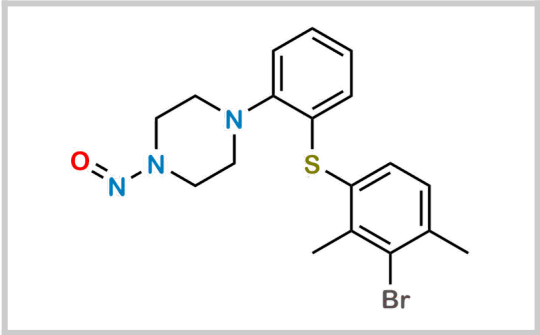
Chemical Name :
1-(2-((3-Bromo-2,4-dimethylphenyl)thio)phenyl)-4-nitrosopiperazine

CAT No. : KMV003011

CAS No. : NA

Molecular Formula : C18H20BrN3OS

Molecular Weight : 406.3



Analytical Information

Batch No.	: V003011-114-025	**Solubility**	: Acetonitrile
Description	: Off White Solid	**Mass**	: Confirm
HPLC Purity	: 98.52 %	**IR**	: Confirm
Weight Loss By TGA	: 0.11 %	**1H NMR**	: Confirm
% Potency	: 98.41 %		

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 - 0.11(Weight Loss By TGA)] x [98.52(HPLC Purity)]/100 = 98.41 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		30/11/2025
Reviewed & Approved By	Quality Control	Jatin Patel		30/11/2025

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