# **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:**

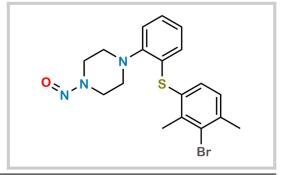
1-(2-((3-Bromo-2,4-dimethylphenyl)thio)phenyl)-4-nitrosopiperazine

**CAT No.** : KMV003011

CAS No. : NA

Molecular Formula : C18H20BrN3OS

**Molecular Weight** : 406.3



## **Analytical Information**

Description: Off White SolidMass: ConfirmHPLC Purity: 98.52 %IR: ConfirmWeight 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