# **CERTIFICATE OF ANALYSIS**

(Certificate No. KMQ001084-03)

**Release Date:** 26/09/2025 **Re-test Date:** 25/09/2028

## NITROSO ARYL PIPERAZINE QUETIAPINE

### **Identification**

**Chemical Name:** 

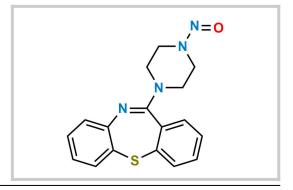
11-(4-nitrosopiperazin-1-yl)dibenzo[b,f][1,4]thiazepine

**CAT No.** : KMQ001084

**CAS No.** : Not Available

**Molecular Formula** : C17H16N4OS

**Molecular Weight** : 324.4



## **Analytical Information**

Description: Off White SolidMass: ConfirmHPLC Purity: 99.81 %IR: ConfirmWeight Loss By TGA: 2.60 %1H NMR: Confirm

**% Potency** : 97.21 %

#### **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 - 2.60(Weight Loss By TGA)] x [99.81(HPLC Purity)]/100 = 97.21 %

**Recommendation** : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		27/09/2025
Reviewed & Approved By	Quality Control	Jatin Patel		27/09/2025

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