

# CERTIFICATE OF ANALYSIS

(Certificate No. KMQ001084-01)

Release Date: 20/09/2023

Re-test Date: 19/09/2026

## N-Nitroso Aryl Piperazine

### Identification

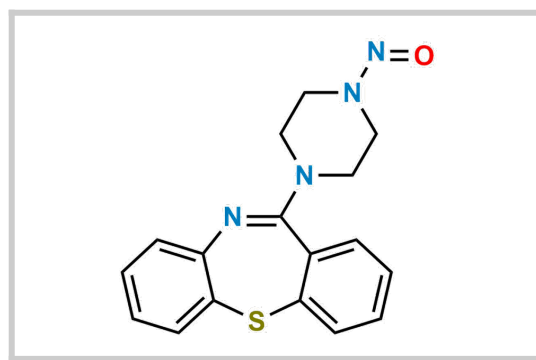
**Chemical Name :**  
11-(4-nitrosopiperazin-1-yl)dibenzo[b,f][1,4]thiazepine

**CAT No.** : KMQ001084

**CAS No.** : Not Available

**Molecular Formula** : C<sub>17</sub>H<sub>16</sub>N<sub>4</sub>O<sub>S</sub>

**Molecular Weight** : 324.4



### Analytical Information

**Batch No.** : QUE-B-N-NO-030-122

**Description** : Off White Solid

**HPLC Purity** : 99.77 %

**Weight Loss By TGA** : 0.74 %

**% Potency** : 99.03 %

**Solubility** : ACN

**Mass** : Confirm

**IR** : Confirm

**<sup>1</sup>H NMR** : Confirm

### 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 - 0.74(Weight Loss By TGA)] x [99.77(HPLC Purity)]/100 = 99.03 %

Remarks : COA Re-generated on 22.08.2024

**Recommendation** : Released

	Department	Name	Signature	Date
<b>Prepared By</b>	Analytical	Jignesh Patel		22/08/2024
<b>Reviewed &amp; Approved By</b>	Quality Control	Jatin Patel		22/08/2024

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