

# CERTIFICATE OF ANALYSIS

(Certificate No. KMQ001084-02)

Release Date: 13/01/2025

Re-test Date: 12/01/2028

## NITROSO ARYL PIPERAZINE QUETIAPINE

### Identification

**Chemical Name :**

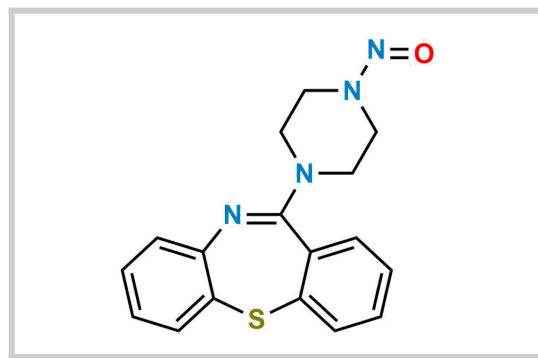
11-(4-nitrosopiperazin-1-yl)dibenzo[b,f][1,4]thiazepine

CAT No. : KMQ001084

CAS No. : Not Available

Molecular Formula : C<sub>17</sub>H<sub>16</sub>N<sub>4</sub>OS

Molecular Weight : 324.4



### Analytical Information

Batch No. : Q001084-091-132

Description : Light Yellow Solid

HPLC Purity : 99.92 %

Weight Loss By TGA : 1.19 %

% Potency : 98.73 %

Solubility : Acetonitrile

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 - 1.19(Weight Loss By TGA)] x [99.92(HPLC Purity)]/100 = 98.73 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		28/05/2025
Reviewed & Approved By	Quality Control	Jatin Patel		28/05/2025

Attachments : COA, HPLC, MASS, <sup>1</sup>HNMR, IR and TGA