

CERTIFICATE OF ANALYSIS

(Certificate No. KMQ001084-02)

Release Date: 13/01/2025

Re-test Date: 12/01/2028

NITROSO ARYL PIPERAZINE QUETIAPINE

Identification

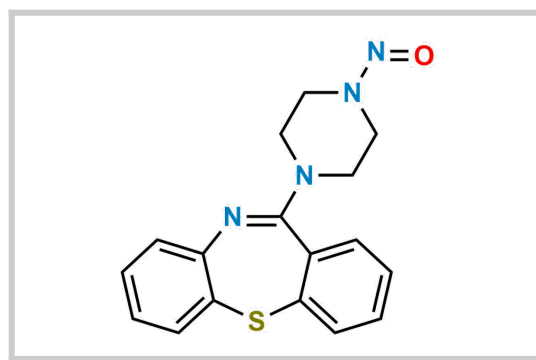
Chemical Name :
11-(4-nitrosopiperazin-1-yl)dibenzo[b,f][1,4]thiazepine

CAT No. : KMQ001084

CAS No. : Not Available

Molecular Formula : C₁₇H₁₆N₄O_S

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

¹H 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		18/01/2025
Reviewed & Approved By	Quality Control	Jatin Patel		18/01/2025

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