

CERTIFICATE OF ANALYSIS

(Certificate No. KMT017012-01)

Release Date: 14/10/2022

Re-test Date: 13/10/2025

Trazodone N-Oxide

Identification

Chemical Name :

4-(3-chlorophenyl)-1-[3-(3-oxo-2,3-dihydro[1,2,4]triazolo[4,3-a]pyridin-2-yl)propyl]piperazine 1-oxide (as per EP) ; 4-(3-Chlorophenyl)-1-[3-(3-oxo-[1,2,4]triazolo[4,3-a]pyridin-2(3H)-yl)propyl]piperazine 1-oxide (as per USP)

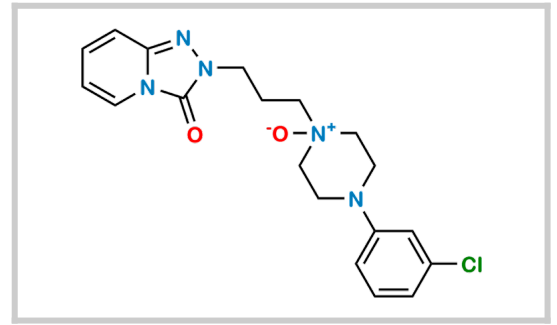
Alt. Name : Trazodone N-Oxide (USP)

CAT No. : KMT017012

CAS No. : 55290-68-1

Molecular Formula : C₁₉H₂₂ClN₅O₂

Molecular Weight : 387.9



Analytical Information

Batch No. : TRA-N-OXIDE-030-301

Description : Off White Solid

HPLC Purity : 99.25 %

Weight Loss By TGA : 2.14%

% Potency : 97.13 %

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 - 2.14(Weight Loss By TGA)] x [99.25(HPLC Purity)]/100 = 97.13 %

Remarks : COA Re-generated on 16.10.2024

Recommendation : Released

| | Department | Name | Signature | Date |
|-----------------------------------|-----------------|---------------|-----------|------------|
| Prepared By | Analytical | Jignesh Patel | | 16/10/2024 |
| Reviewed & Approved By | Quality Control | Jatin Patel | | 16/10/2024 |

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