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CERTIFICATE OF ANALYSIS

Analysis Date: Oct 2025

Re-test Date: Sep 2028

Product Name: Trazodone EP Impurity C

Identification:

Chemical Name: 2-[3-[4-(4-chlorophenyl)piperazin-1-yl]propyl][1,2,4]triazolo[4,3-a]pyridin-3(2H)-one (as per EP & USP)

Synonyms : Trazodone USP Related compound C ; Trazodone 4-Chloro Analog

CAS Number : 157072-19-0

CAT Number : CP-T29003

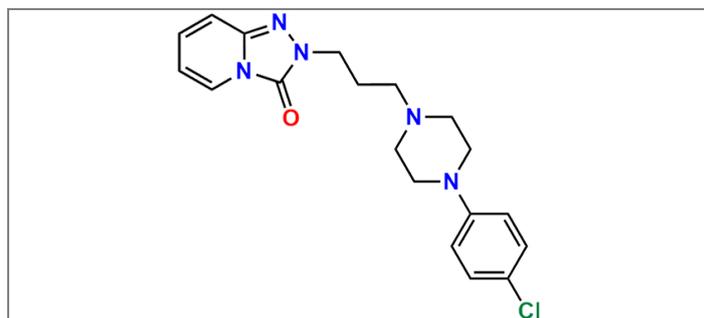
Molecular Formula : C₁₉H₂₂ClN₅O

Molecular Weight : 371.87

Batch Number : CP-TRA-C-0224

Storage Condition : Tightly closed, Inert atmosphere at 2 to 8° C

Shipping condition : All Products are stable to be shipped at room temperature, if specific condition required it is mention in the COA



Analytical Information:

| Sr. No. | Test | Result |
|---------|--------------------|--------------------------|
| 1) | Description | White Solid |
| 2) | Solubility | Soluble in Methanol/DMSO |
| 3) | MASS By LCMS | Confirm to structure |
| 4) | Purity By HPLC | 99.43% |
| 5) | ¹ HNMR | Confirm to structure |
| 6) | IR | Confirm to Structure |
| 7) | Weight loss by TGA | 0.075 % |
| 8) | Potency by TGA | 99.35% |



Prepared and Reviewed By

A handwritten signature in blue ink, appearing to read "Priyanka Salunkhe".

Ms Priyanka Salunkhe
(Quality Control)

Approved By

A handwritten signature in blue ink, appearing to read "Rohini Gagare".

Ms Rohini Gagare
(Quality Assurance)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.