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CERTIFICATE OF ANALYSIS

Analysis Date: Nov 2024

Re-test Date: Oct 2027

Product Name: Trazodone EP Impurity E

Identification:

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

Synonyms : 4-Ethyl Trazodone (USP)

CAS Number : 1346599-35-6

CAT Number : CP-T29005

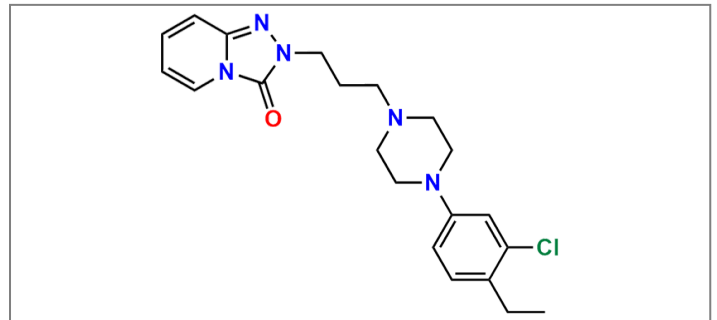
Molecular Formula : C₂₁H₂₆ClN₅O

Molecular Weight : 399.92

Batch Number : CP-TRA-E-1124

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 | Off White to Light Brown Solid |
| 2) | Solubility | Soluble in Methanol/DMSO |
| 3) | MASS By LCMS | Confirm to structure |
| 4) | Purity By HPLC | 97.96% |
| 5) | H1NMR | Confirm to structure |
| 6) | 13CNMR | Confirm to Structure |
| 7) | Weight loss by TGA | 0.112 % |
| 8) | Potency by TGA | 97.85% |



Prepared and Reviewed By

Ms Priyanka Salunkhe
(Manager QC Analytical)

Approved By

Ms Rohini Gagare
(QA Head)

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