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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

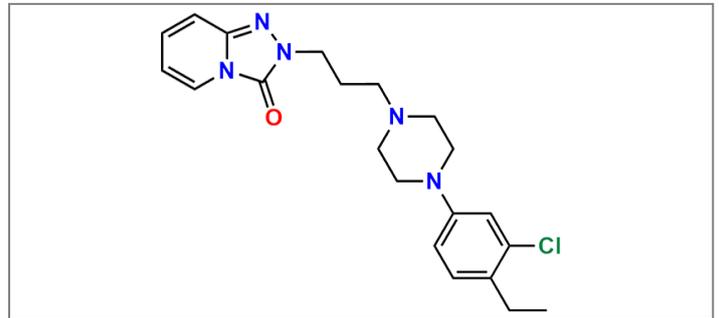
Molecular Formula : C₂₁H₂₆ClN₅O

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)	¹ H NMR	Confirm to Structure
6)	IR	Confirm to Structure
7)	Weight loss by TGA	0.084%
8)	Potency by TGA	97.88%



Prepared and Reviewed By

Ms Priyanka Salunkhe
(Quality Control)

Approved By

Ms Rohini Gagare
(Quality Assurance)

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