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CERTIFICATE OF ANALYSIS

Analysis Date: Oct 2024

Re-test Date: Sep 2027

Product Name: Trazodone EP Impurity G

Identification:

Chemical Name: 1-(3-Chlorophenyl)-4-[3-(2-methylpropoxy)propyl]piperazine (as per EP)

Synonyms : Trazodone Isobutyl Ether Analog

CAS Number : 2470436-00-9

CAT Number : CP-T29007

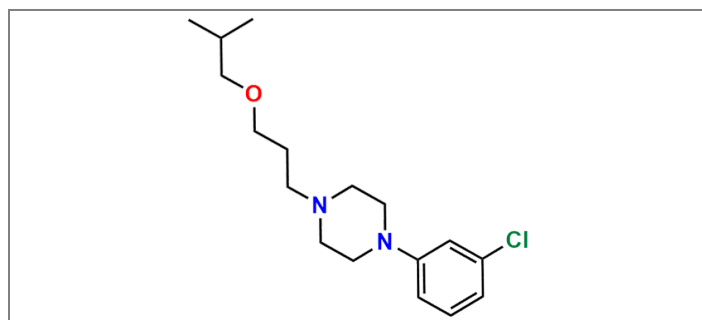
Molecular Formula : C₁₇H₂₇ClN₂O

Molecular Weight : 310.87

Batch Number : CP-TRA-G-1024

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	Pale Yellow to Light Brown Liquid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	98.12%
5)	¹ HNMR	Confirm to structure
6)	Weight loss by TGA	1.747%
7)	Potency by TGA	96.40%



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.