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## CERTIFICATE OF ANALYSIS

Analysis Date: Oct 2023

Re-test Date: Sep 2026

**Product Name: Trazodone EP Impurity B**

### Identification:

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

Synonyms : Deschloro Trazodone

CAS Number : 62337-66-0

CAT Number : CP-T29002

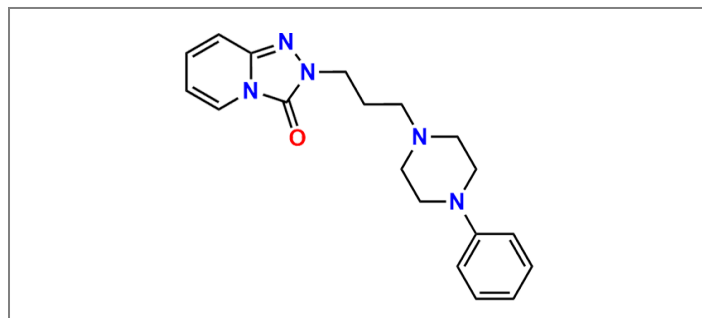
Molecular Formula : C<sub>19</sub>H<sub>23</sub>N<sub>5</sub>O

Molecular Weight : 337.43

Batch Number : CP-TRA-B-1023

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 Pale Yellow Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	99.81%
5)	H1NMR	Confirm to structure
6)	13CNMR	Confirm to structure
7)	Weight loss by TGA	0.13%
8)	Potency by TGA	99.68%



**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.