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## CERTIFICATE OF ANALYSIS

Analysis Date: May 2025

Re-test Date: Apr 2028

**Product Name: Trazodone USP Related Compound F**

### Identification:

Chemical Name: 1-(3-Chlorophenyl)-4-(3-chloropropyl)piperazine hydrochloride

Synonyms : NA

CAS Number : 52605-52-4

CAT Number : CP-T29012

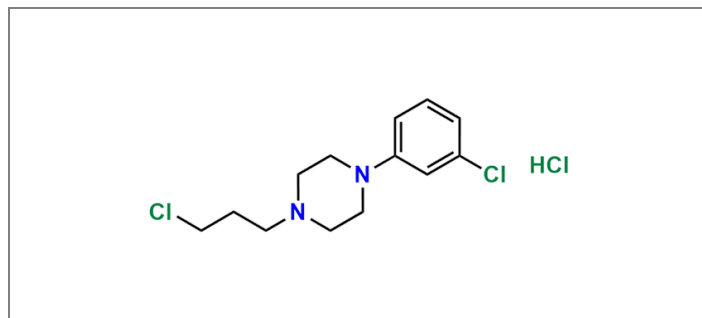
Molecular Formula : C<sub>13</sub>H<sub>18</sub>Cl<sub>2</sub>N<sub>2</sub> : HCl

Molecular Weight : 273.20 : 36.46

Batch Number : CP-TRA-RCF-0525

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 Solid
2)	Solubility	Soluble in Methanol /DMSO
3)	MASS By LCMS	Confirm to Structure
4)	Purity by HPLC	98.44%
5)	<sup>1</sup> HNMR	Confirm to Structure
6)	IR	Confirm to Structure
7)	Weight loss by TGA	0.012%
8)	Potency by TGA	98.43%



**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.