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CERTIFICATE OF ANALYSIS

Analysis Date: Feb 2024

Re-test Date: Jan 2027

Product Name: Trimetazidine EP Impurity I

Identification:

Chemical Name: 1-Methyl-4-(2,3,4-trimethoxybenzyl)piperazine dihydrochloride (as per EP)

Synonyms : N-methyltrimetazidine (EP)

CAS Number : 53960-20-6

CAT Number : CP-T12009

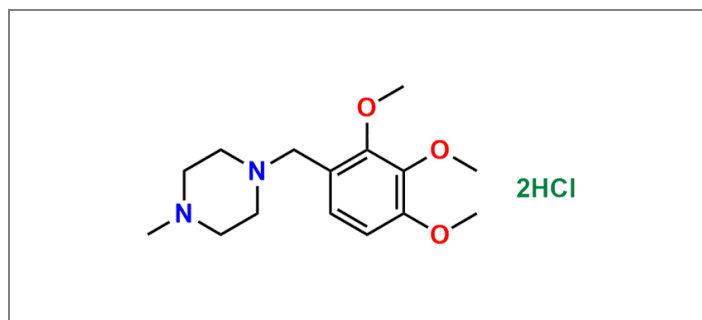
Molecular Formula : C₁₅H₂₄N₂O₃ : 2HCl

Molecular Weight : 280.37 : 2(36.5)

Batch Number : CP-TRI-I-0224

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 | White Solid |
| 2) | Solubility | Soluble in Methanol/DMSO |
| 3) | MASS By LCMS | Confirm to structure |
| 4) | Purity By HPLC | 94.44% |
| 5) | H1NMR | Confirm to structure |
| 6) | 13CNMR | Confirm to structure |



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.