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## CERTIFICATE OF ANALYSIS

Analysis Date: Dec 2022

Re-test Date: Nov 2025

**Product Name: Desloratadine EP Impurity A**

### Identification:

Chemical Name: 4-[(11RS)-8-chloro-11-fluoro-6,11-dihydro-5H-benzo [5,6] cyclohepta [1,2-b]pyridin-11-yl]piperidine

Synonyms : Fluoro Desloratadine; 11-Fluoro  
Dihydrodesloratadine

CAS Number : 298220-99-2

CAT Number : CP-D15001

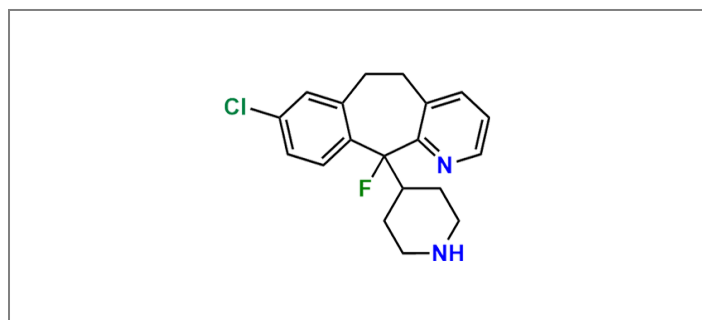
Molecular Formula : C<sub>19</sub>H<sub>20</sub>ClFN<sub>2</sub>

Molecular Weight : 330.83

Batch Number : CHEM-DES-A

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 Orange Solid |
| 2)      | Solubility     | Soluble in Methanol/DMSO       |
| 3)      | MASS By LCMS   | Confirm to structure           |
| 4)      | Purity By HPLC | 99.3%                          |
| 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.