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## CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

**Product Name: Loratadine EP Impurity D**

### Identification:

Chemical Name: 8-Chloro-11-(piperidin-4-ylidene)-6,11-dihydro-5H-benzo[5,6]cyclohepta[1,2-b]pyridine (as per EP)

Synonyms : Loratadine USP Related compound A ; Desloratadine

CAS Number : 100643-71-8

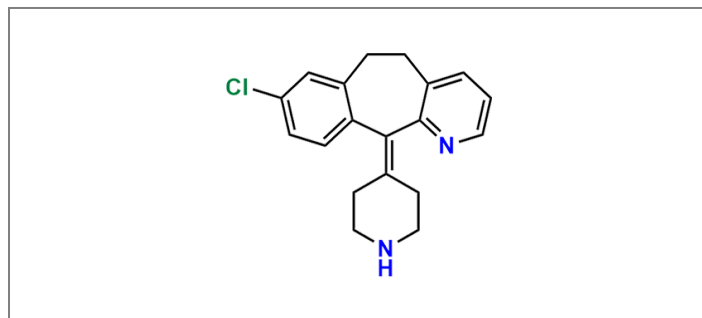
CAT Number : CP-L5004

Molecular Formula : C<sub>19</sub>H<sub>19</sub>ClN<sub>2</sub>

Molecular Weight : 310.82

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	Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	>95%
5)	<sup>1</sup> HNMR	Confirm to structure



**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.