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## CERTIFICATE OF ANALYSIS

Analysis Date: Apr 2022

Re-test Date: Mar 2025

**Product Name: Loratadine EP Impurity E**

### Identification:

Chemical Name: Ethyl 4-(8-chloro-6,11-dihydro-5H-benzo[5,6]cyclohepta[1,2-b]pyridin-11-yl)-3,6-dihydropyridine-1(2H)-carboxylate hydrochloride

Synonyms : Loratadine Isomer

CAS Number : NA

CAT Number : CP-L5005

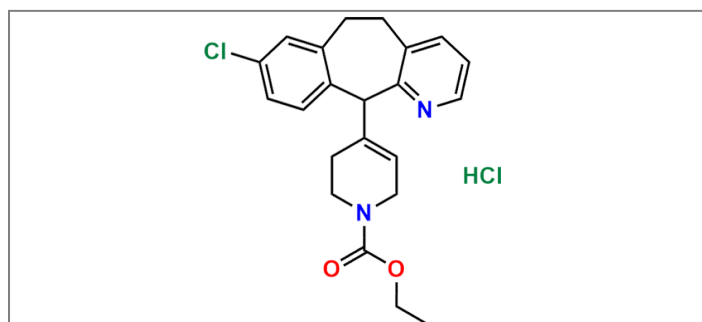
Molecular Formula : C<sub>22</sub>H<sub>23</sub>ClN<sub>2</sub>O<sub>2</sub> : HCl

Molecular Weight : 382.9 : 36.5

Batch Number : CHEM-LOR-E

Storage Condition : Tightly closed, Inert atmosphere at -20° C

Shipping condition : At low temperature with dry ice and ice pack gel



### Analytical Information:

Sr. No.	Test	Result
1)	Description	Pale yellow liquid
2)	Solubility	Soluble in Methanol/CDCl <sub>3</sub>
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	99.91%
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.