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## CERTIFICATE OF ANALYSIS

Analysis Date: Jun 2022

Re-test Date: May 2025

**Product Name: Levofloxacin EP Impurity H**

### Identification:

Chemical Name: Ethyl (S)-9-fluoro-2,3-dihydro-3-methyl-10-(4-methyl-1-piperazinyl)-7-oxo-7H-pyrido[1,2,3-de]-1,4-benzoxazine-6-carboxylate

Synonyms : Levofloxacin USP Related compound C ; Levofloxacin Ethyl Ester

CAS Number : 177472-30-9

CAT Number : CP-L17008

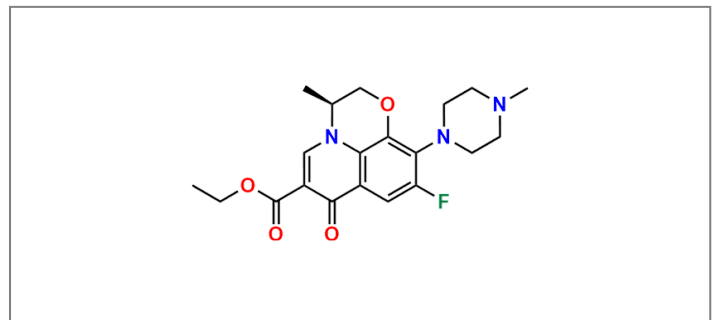
Molecular Formula : C<sub>20</sub>H<sub>24</sub>FN<sub>3</sub>O<sub>4</sub>

Molecular Weight : 389.42

Batch Number : CHEM-LEVO-ETH

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 to Off White Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	98.6%
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.