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CERTIFICATE OF ANALYSIS

Analysis Date: Jul 2023

Re-test Date: Jun 2026

Product Name: Levofloxacin EP Impurity F

Identification:

Chemical Name: (S)-9,10-Difluoro-3-methyl-7-oxo-2,3-dihydro-7H-pyrido[1,2,3-de][1,4]benzoxazine-6-carboxylic acid

Synonyms : Levofloxacin USP Related compound B ; Levofloxacin Difluoro Carboxylic Acid

CAS Number : 100986-89-8

CAT Number : CP-L17006

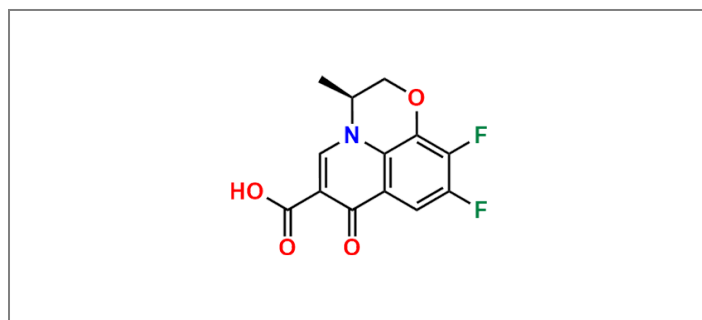
Molecular Formula : C₁₃H₉F₂NO₄

Molecular Weight : 281.21

Batch Number : CHEM-LEV-F

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	99.62%
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.