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CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

Product Name: Levofloxacin EP Impurity G

Identification:

Chemical Name: (S)-9-fluoro-3-methyl-10-((2-(methylamino)ethyl)amino)-7-oxo-2,3-dihydro-7H-[1,4]oxazino[2,3,4-ij]quinoline-6-carboxylic acid hydrochloride

Synonyms : Levofloxacin USP Related compound E ; Levofloxacin Desethylene Impurity ; N,N'-Desethylene Levofloxacin Hydrochloride

CAS Number : 1346603-62-0

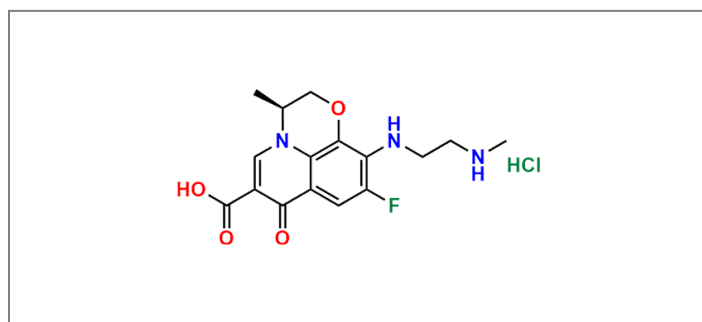
CAT Number : CP-L17007

Molecular Formula : C₁₆H₁₈FN₃O₄ : HCl

Molecular Weight : 335.34 : 36.5

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)	¹ HNMR	Confirm to structure
6)	Weight loss by TGA	-
7)	Potency by TGA	-



Prepared and Reviewed By

A handwritten signature in blue ink, appearing to read "Priyanka Salunkhe".

Ms Priyanka Salunkhe
(Quality Control)

Approved By

A handwritten signature in blue ink, appearing to read "Rohini Gagare".

Ms Rohini Gagare
(Quality Assurance)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.