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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-3,7-dihydro-2H-[1,4]oxazino[2,3,4-ij]quinoline-6-carboxylic acid hydrochloride

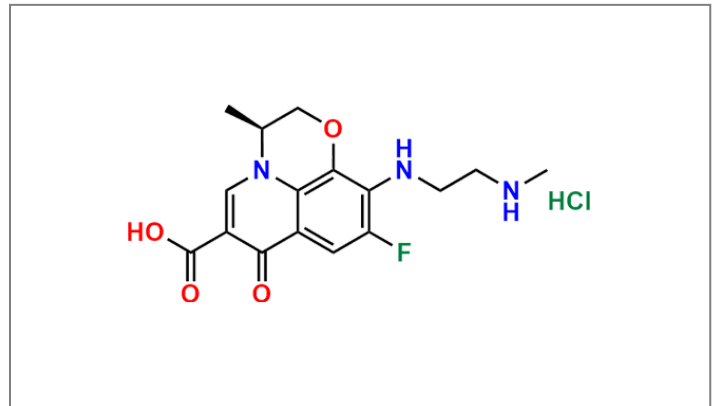
Synonyms : Levofloxacin USP Related compound E ; Levofloxacin Desethylene Impurity ; N,N'-Desethylene Levofloxacin Hydrochloride

CAS Number : 1346603-62-0

CAT Number : CP-L17007

Molecular Formula : C<sub>16</sub>H<sub>18</sub>FN<sub>3</sub>O<sub>4</sub> : HCl

Molecular Weight : 335.34 : 36.5



#### 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)	H1NMR	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.