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CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

Product Name: Levofloxacin Diamine Impurity

Identification:

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

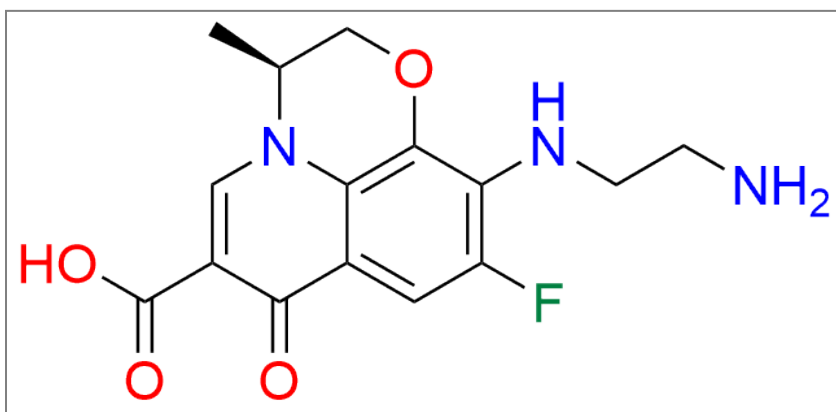
Synonyms : Levofloxacin Desethylene
N-Desmethyl Impurity

CAS Number : 1797510-34-9

CAT Number : CP-L17010

Molecular Formula : C₁₅H₁₆FN₃O₄

Molecular Weight : 321.31



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.