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CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

Product Name: Levofloxacin EP Impurity D

Identification:

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

Synonyms : Levofloxacin USP Related
Compound F ; Levofloxacin
Desfluoro Impurity ; 9-Desfluoro
Levofloxacin

CAS Number : 117620-85-6

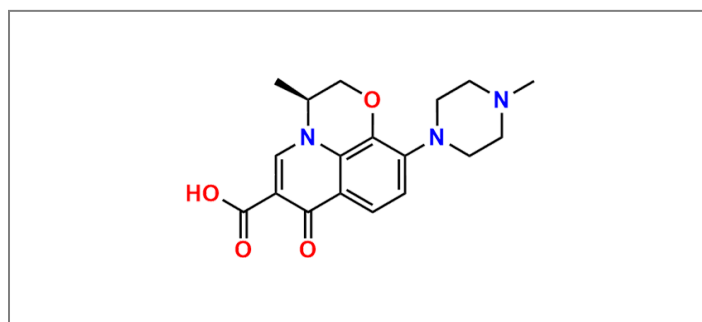
CAT Number : CP-L17004

Molecular Formula : C₁₈H₂₁N₃O₄

Molecular Weight : 343.38

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



Ms Priyanka Salunkhe
(Quality Control)

Approved By



Ms Rohini Gagare
(Quality Assurance)

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