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CERTIFICATE OF ANALYSIS

Analysis Date: Jul 2024

Re-test Date: Jul 2027

Product Name: Ciprofloxacin EP Impurity C

Identification:

Chemical Name: 7-[(2-Aminoethyl)amino]-1-cyclopropyl-6-fluoro-4-oxo-1,4-dihydroquinoline-3-carboxylic acid hydrochloride (as per EP)

Synonyms : Ciprofloxacin Ethylenediamine Analog (USP) ; Ciprofloxacin BP Impurity C

CAS Number : 528851-31-2

CAT Number : CP-C22003

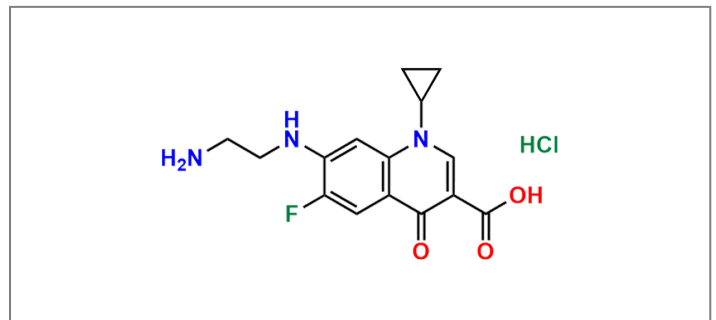
Molecular Formula : C₁₅H₁₆FN₃O₃ : HCl

Molecular Weight : 305.3 : 36.46

Batch Number : CHEM-CIP-C

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	Pale Yellow to Yellow Solid
2)	Solubility	Soluble in DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	97.98%
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.