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CERTIFICATE OF ANALYSIS

Analysis Date: May 2023

Re-test Date: Apr 2026

Product Name: Ciprofloxacin EP Impurity A

Identification:

Chemical Name: 7-chloro-1-cyclopropyl-6-fluoro-4-oxo-1,4-dihydroquinoline-3-carboxylic acid

Synonyms : Fluoroquinolonic Acid

CAS Number : 86393-33-1

CAT Number : CP-C22001

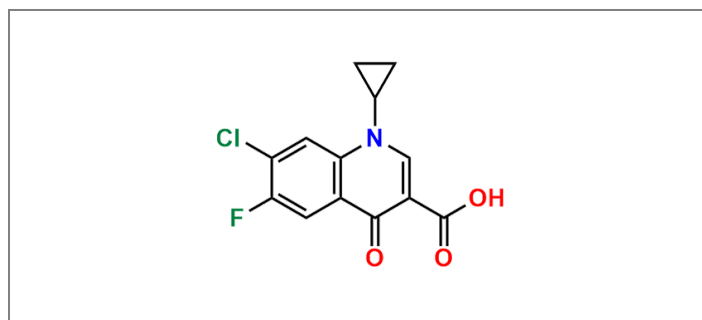
Molecular Formula : C₁₃H₉ClFNO₃

Molecular Weight : 281.67

Batch Number : CHEM-CIP-S-3004-001

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	White to Off White Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	99.61%
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.