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CERTIFICATE OF ANALYSIS

Analysis Date: Mar 2024

Re-test Date: Feb 2027

Product Name: Ciprofloxacin EP Impurity E

Identification:

Chemical Name: 1-Cyclopropyl-6-fluoro-7-(piperazin-1-yl)quinolin-4(1H)-one

Synonyms : Decarboxy Ciprofloxacin

CAS Number : 105394-83-0

CAT Number : CP-C22005

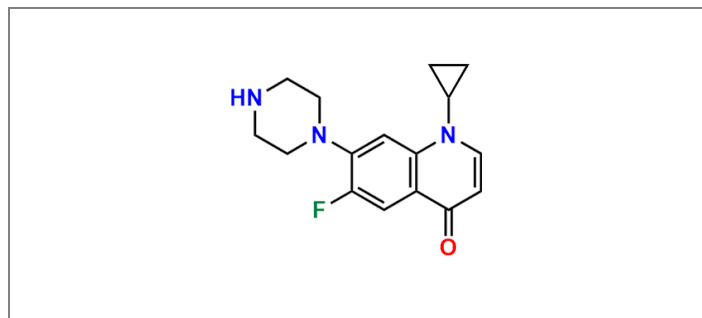
Molecular Formula : C₁₆H₁₈FN₃O

Molecular Weight : 287.33

Batch Number : CP-CIP-E-0324

Storage Condition : Tightly closed, Inert atmosphere at -20° C

Shipping condition : At low temperature with dry ice and ice pack gel



Analytical Information:

Sr. No.	Test	Result
1)	Description	White Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	99.89%
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.