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## CERTIFICATE OF ANALYSIS

Analysis Date: Apr 2025

Re-test Date: Mar 2028

### Product Name: Ciprofloxacin Impurity 12

#### Identification:

Chemical Name: Ethyl 7-chloro-1-cyclopropyl-6-fluoro-4-oxo-1,4-dihydroquinoline-3-carboxylate

Synonyms : NA

CAS Number : 86483-54-7

CAT Number : CP-C22027

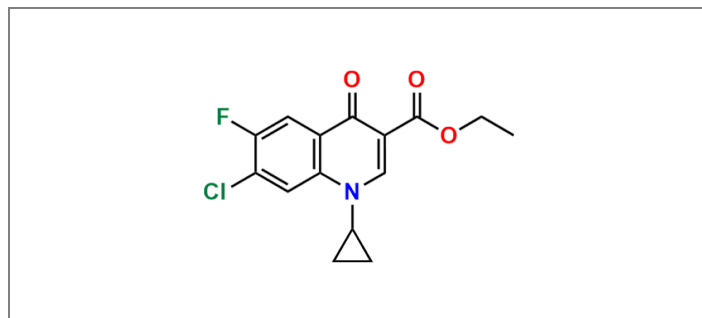
Molecular Formula : C<sub>15</sub>H<sub>13</sub>ClFNO<sub>3</sub>

Molecular Weight : 309.7

Batch Number : CP-CIP-12-0425

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	Off White Solid
2)	Solubility	Soluble in Methanol /DMSO
3)	MASS By LCMS	Confirm to Structure
4)	Purity by HPLC	99.91 %
5)	<sup>1</sup> HNMR	Confirm to Structure



#### 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.