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## CERTIFICATE OF ANALYSIS

Analysis Date: Mar 2025

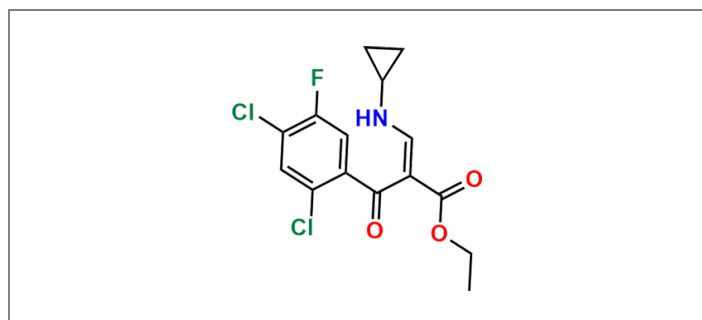
Re-test Date: Feb 2028

**Product Name: Ciprofloxacin Impurity 15**

### Identification:

Chemical Name: Ethyl(E)-3-(cyclopropylamino)-2-(2,4-dichloro-5-fluorobenzoyl)acrylate

Synonyms : NA  
CAS Number : 86483-53-6  
CAT Number : CP-C22028  
Molecular Formula : C<sub>15</sub>H<sub>14</sub>Cl<sub>2</sub>FNO<sub>3</sub>  
Molecular Weight : 346.2  
Batch Number : CP-CIP-15-0325



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	98.27 %
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.