

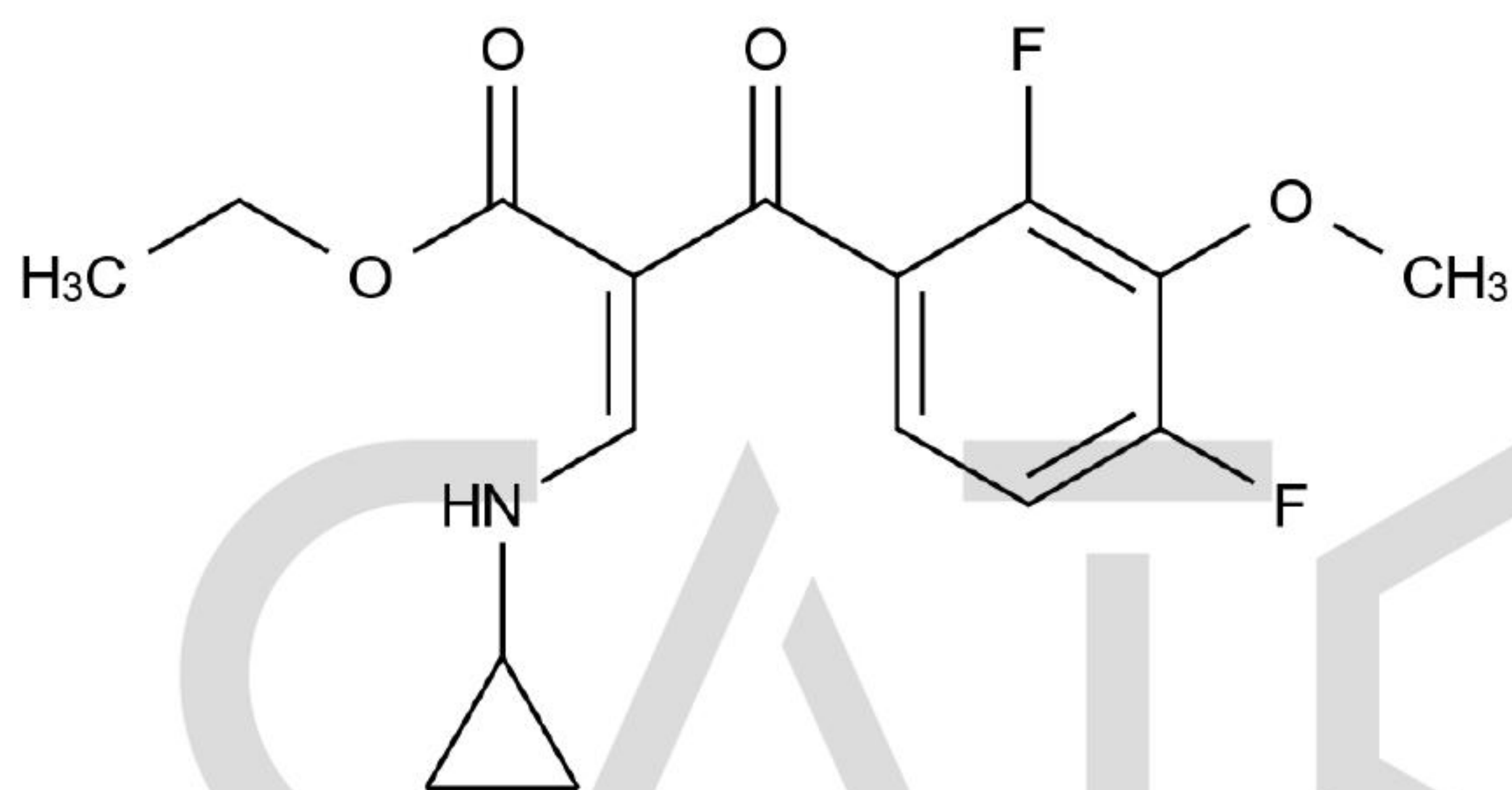
# Certificate of Analysis

## Reference Material & Standard

|                    |                                                                |                   |                                           |
|--------------------|----------------------------------------------------------------|-------------------|-------------------------------------------|
| Product Name:      | Nemonoxacin Impurity 23                                        | Catalogue Number: | C4X-312823                                |
| Synonyms:          | N/A                                                            | Lot Number:       | 0913-RF-0058                              |
| CAS Number:        | N/A                                                            | Expiry Date:      | Sep 09, 2027                              |
| Molecular Formula: | C <sub>16</sub> H <sub>17</sub> F <sub>2</sub> NO <sub>4</sub> | Storage:          | 2°C ~ 8°C Protected from light and Sealed |
| Molecular Weight:  | 325.31                                                         | Warning:          |                                           |



Chemical Structure:



| Test Items     | Method            | Results           |
|----------------|-------------------|-------------------|
| Appearance     | Visual inspection | Pale Yellow Solid |
| Identification | LCMS&HNMR         | Confirmed         |
| Purity         | HPLC              | 99.1%             |
| Assay          | qNMR              | 96.4%             |

## Comment:

Assay was determined by quantitative <sup>1</sup>H-NMR.

## Signature:

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Approved by General Manager:

*David*

Date: Sep 25, 2024

Date: Sep 25, 2024

Date: Sep 25, 2024

