

# Certificate of Analysis

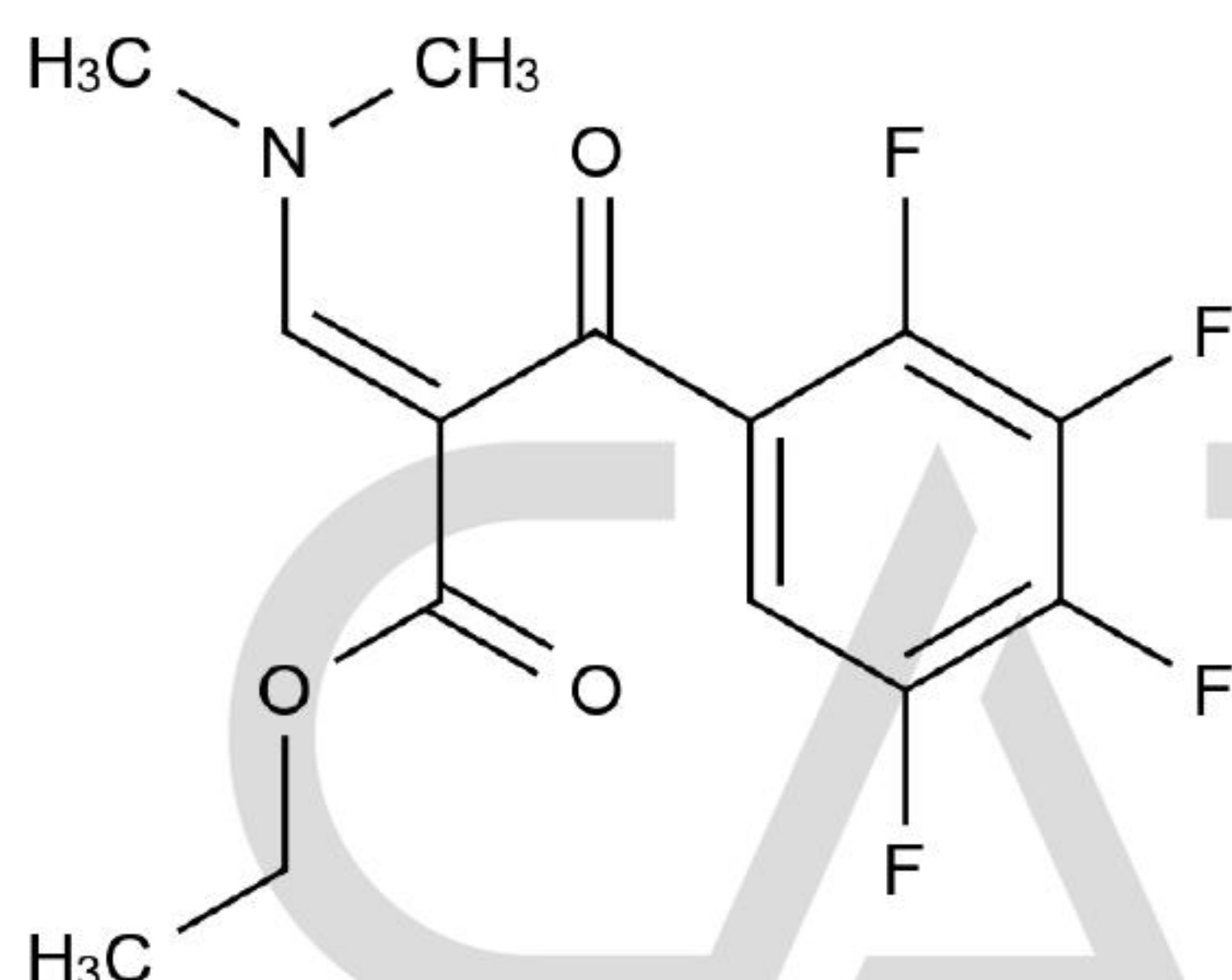
## Reference Material & Standard

|                    |                                                                |                   |                                           |
|--------------------|----------------------------------------------------------------|-------------------|-------------------------------------------|
| Product Name:      | Levofloxacin impurity 01                                       | Catalogue Number: | C1930159                                  |
| Synonyms:          | N/A                                                            | Lot Number:       | 0928-RG-0049                              |
| CAS Number:        | 154228-18-9                                                    | Expiry Date:      | Sep 29, 2029                              |
| Molecular Formula: | C <sub>14</sub> H <sub>13</sub> F <sub>4</sub> NO <sub>3</sub> | Storage:          | 2°C ~ 8°C Protected from light and Sealed |
| Molecular Weight:  | 319.25                                                         |                   |                                           |

Warning:



Chemical Structure:



| Test Items        | Method            | Results       |
|-------------------|-------------------|---------------|
| Appearance        | Visual inspection | Orange Oil    |
| Identification    | LCMS&HNMR         | Confirmed     |
| Purity            | HPLC              | 96.2%         |
| Residual Solvents | NMR               | Methylbenzene |

Signature:

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Reviewed by:

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Approved by General Manager:

*David*

Date: Sep 30, 2025

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