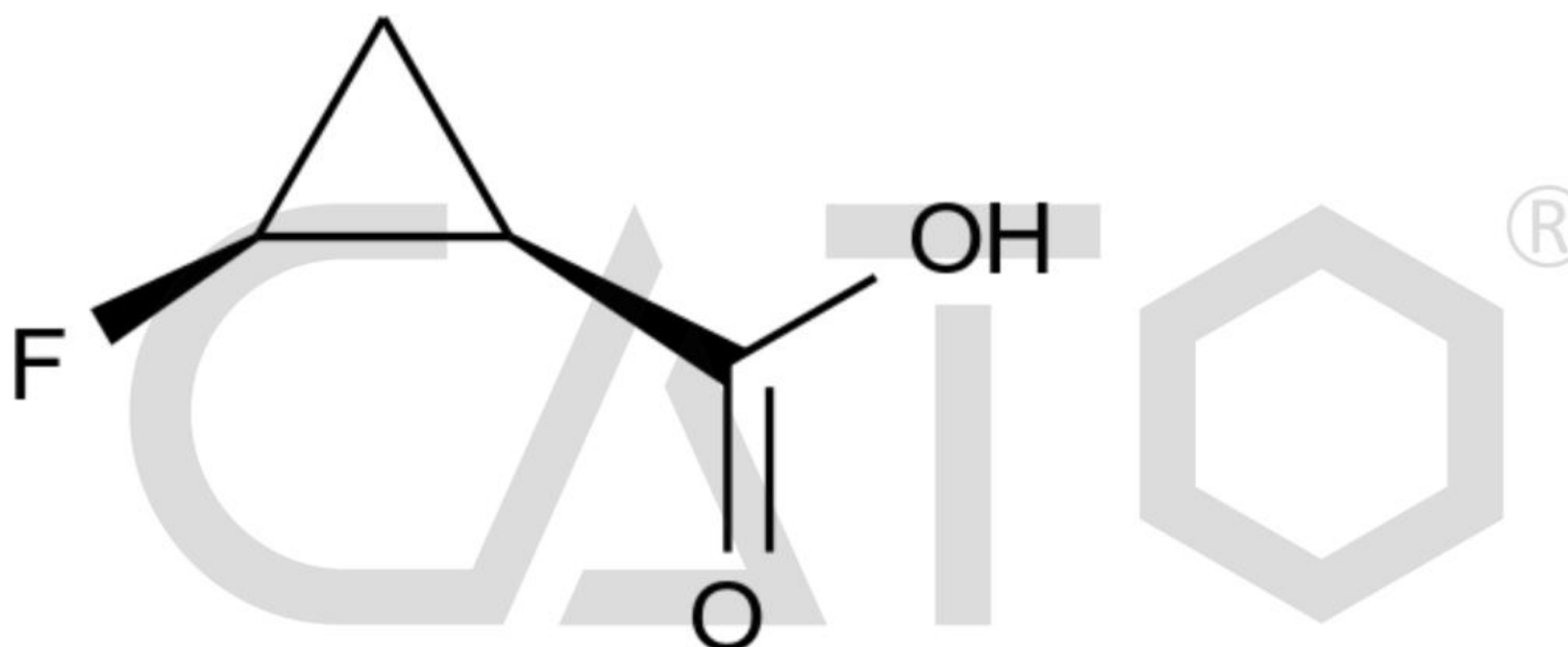


# Certificate of Analysis

## Reference Material & Standard

|                           |                                                                                                |                            |                                           |
|---------------------------|------------------------------------------------------------------------------------------------|----------------------------|-------------------------------------------|
| <b>Product Name:</b>      | (1S,2S)-2-Fluorocyclopropanecarboxylic acid                                                    | <b>Catalogue Number:</b>   | C4X-115542                                |
| <b>Synonyms:</b>          | Sitafloxacin Impurity 42;(cis)-2-fluorocyclopropanecarboxylic acid<br>Relative stereochemistry | <b>Lot Number:</b>         | 1110-RG-0017                              |
| <b>CAS Number:</b>        | 127199-14-8                                                                                    | <b>Expiry Date:</b>        | Nov 12, 2029                              |
| <b>Molecular Formula:</b> | C <sub>4</sub> H <sub>5</sub> FO <sub>2</sub>                                                  | <b>Storage:</b>            | 2°C ~ 8°C Protected from light and Sealed |
| <b>Molecular Weight:</b>  | 104.08                                                                                         | <b>Shipping Condition:</b> | Shipping at Room Temperature              |
| <b>Solubility:</b>        | Acetonitrile                                                                                   |                            |                                           |

Chemical Structure:



| Test Items     | Method              | Results     |
|----------------|---------------------|-------------|
| Appearance     | Visual inspection   | White Solid |
| Identification | GCMS&CNMR&FNMR&HNMR | Confirmed   |
| Purity         | HPLC                | 92.607%     |
| Water Content  | Karl Fischer        | 0.3331%     |
| Assay          |                     | 92.3%       |

## Comment:

The calculation of the mass balance method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Water Content) \* Purity HPLC (%) / 100%

Water Content is considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

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Reviewed by:

*Koi*

Approved by General Manager:

*David*

Date: Dec 02, 2025

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Date: Dec 02, 2025



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