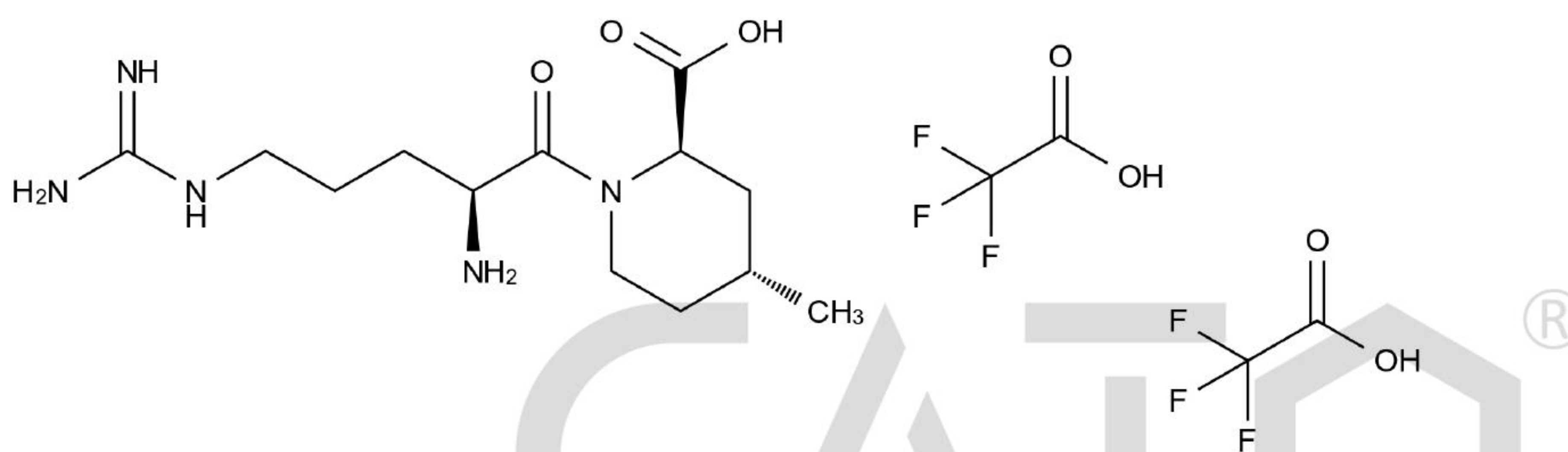


# Certificate of Analysis

## Reference Material & Standard

|                            |                                                                                                                             |                          |                                           |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------|--------------------------|-------------------------------------------|
| <b>Product Name:</b>       | Argatroban Impurity 141                                                                                                     | <b>Catalogue Number:</b> | C4X-1007141                               |
| <b>Synonyms:</b>           | N/A                                                                                                                         | <b>Lot Number:</b>       | 1106-RE-0013                              |
| <b>CAS Number:</b>         | 2010950-58-8(free base)                                                                                                     | <b>Expiry Date:</b>      | Nov 07, 2026                              |
| <b>Molecular Formula:</b>  | C <sub>13</sub> H <sub>25</sub> N <sub>5</sub> O <sub>3</sub> 2*C <sub>2</sub> H <sub>3</sub> F <sub>3</sub> O <sub>2</sub> | <b>Storage:</b>          | -20°C±5°C Protected from light and Sealed |
| <b>Molecular Weight:</b>   | 299.37 2*114.02                                                                                                             |                          |                                           |
| <b>Chemical Structure:</b> |                                                                                                                             |                          |                                           |



| Test Items     | Method            | Results     |
|----------------|-------------------|-------------|
| Appearance     | Visual inspection | White Solid |
| Identification | LCMS&HNMR         | Confirmed   |
| Purity         | HPLC              | 98.3264%    |
| Loss On Drying | TGA               | 1.717%      |
| Assay          |                   | 96.6%       |

## Comment:

The calculation of the 100% method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Loss On Drying) \* Purity HPLC (%) / 100%

Loss On Drying is considered as absolute effect, HPLC purity is considered as relative effect.

## Signature:

Prepared by:

*Lily*

Reviewed by:

*Hinlam*

Aporoved by General Manager:

*David*

Date: Nov 09, 2023

Date: Nov 09, 2023

Date: Nov 09, 2023

