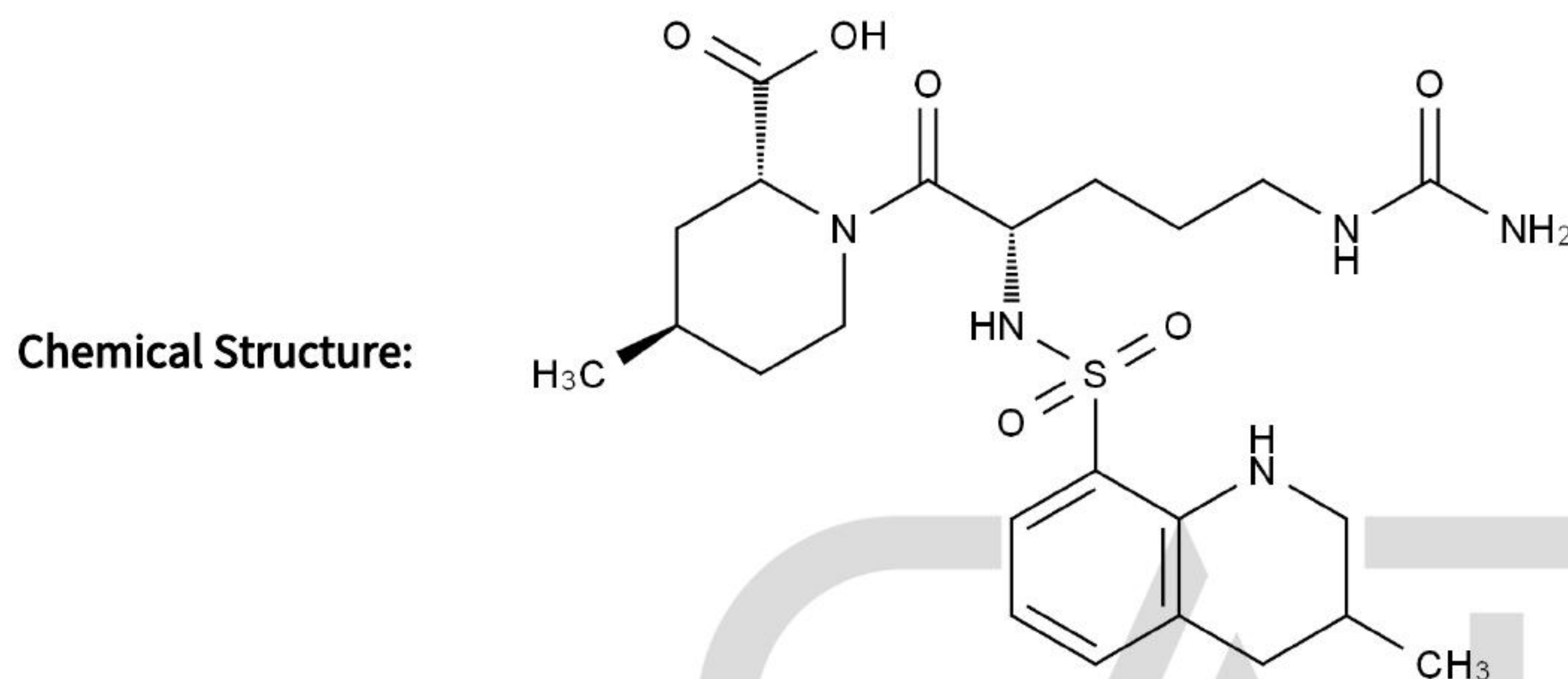


# Certificate of Analysis

## Reference Material

|                    |                                                                 |                   |                                           |
|--------------------|-----------------------------------------------------------------|-------------------|-------------------------------------------|
| Product Name:      | Argatroban Impurity 19                                          | Catalogue Number: | C4X-100719                                |
| Chemical Name:     | N/A                                                             | Lot Number:       | 0724-RE-0012                              |
| CAS Number:        | 2423016-01-5                                                    | Expiry Date:      | Jul 24, 2026                              |
| Molecular Formula: | C <sub>23</sub> H <sub>35</sub> N <sub>5</sub> O <sub>6</sub> S | Storage:          | 2°C ~ 8°C Protected from light and Sealed |
| Molecular Weight:  | 509.62                                                          |                   |                                           |



| Test Items     | Method            | Results     |
|----------------|-------------------|-------------|
| Appearance     | Visual inspection | White Solid |
| Identification | LCMS&HNMR         | Confirmed   |
| Purity         | HPLC              | 96.638%     |
| Loss On Drying | TGA               | 2.1782%     |
| Assay          |                   | 94.5%       |

## Comment:

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

$\text{Assay (\%)} = (100\% - \text{Loss On Drying}) * \text{Purity HPLC (\%)} / 100\%$

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

## Signature:

Prepared by:

*Nice*

Reviewed by:

*Koi*

Aporoved by General manager:

*David*

Date: Jul 25, 2023

Date: Jul 25, 2023

Date: Jul 25, 2023

