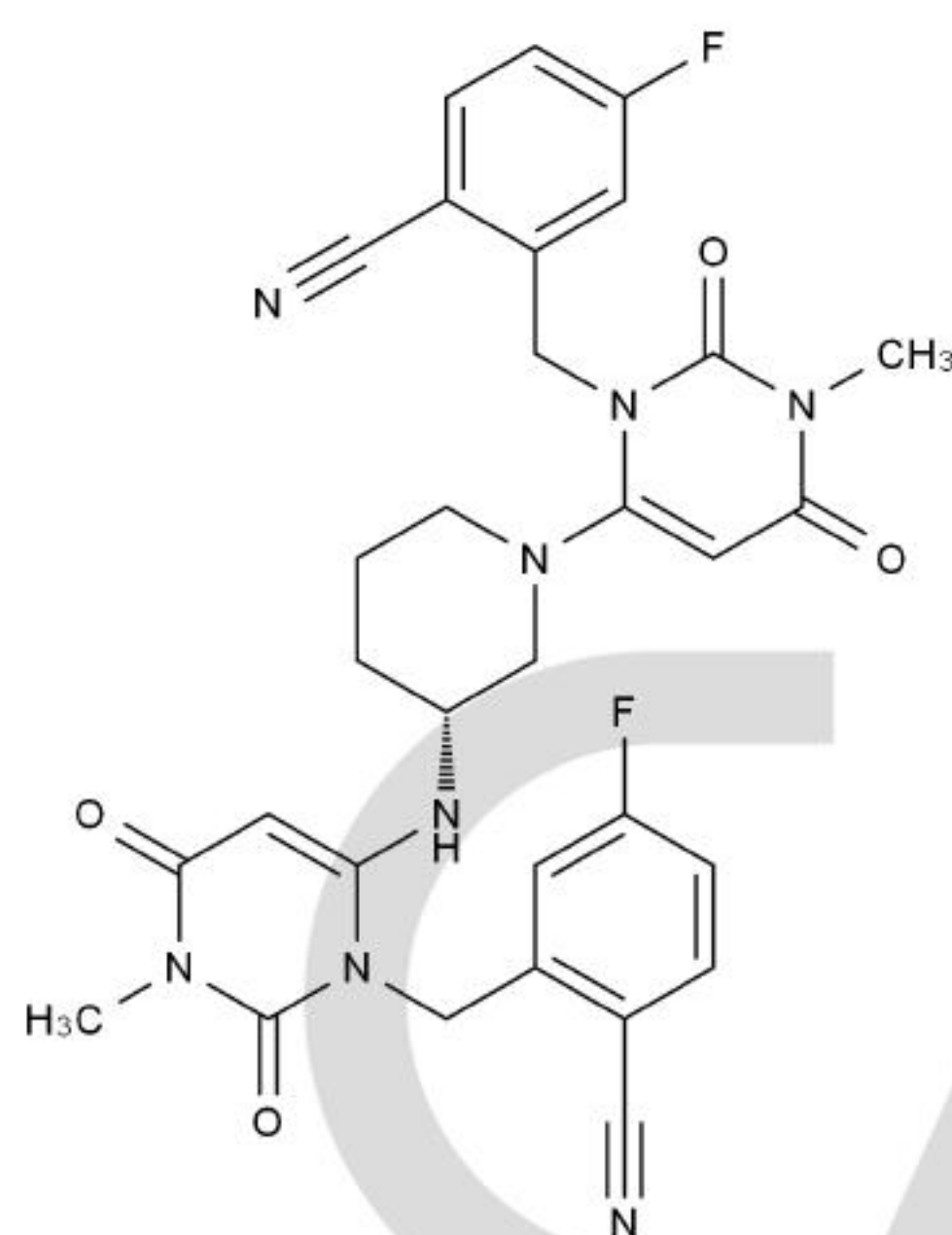


# Certificate of Analysis

## Reference Material & Standard

|                           |                                                                              |                            |                                           |
|---------------------------|------------------------------------------------------------------------------|----------------------------|-------------------------------------------|
| <b>Product Name:</b>      | Trelagliptin Impurity 34                                                     | <b>Catalogue Number:</b>   | C4X-104634                                |
| <b>Synonyms:</b>          | N/A                                                                          | <b>Lot Number:</b>         | 1208-RG-0172                              |
| <b>CAS Number:</b>        | 1917324-13-0                                                                 | <b>Expiry Date:</b>        | Nov 16, 2029                              |
| <b>Molecular Formula:</b> | C <sub>31</sub> H <sub>28</sub> F <sub>2</sub> N <sub>8</sub> O <sub>4</sub> | <b>Storage:</b>            | 2°C ~ 8°C Protected from light and Sealed |
| <b>Molecular Weight:</b>  | 614.60                                                                       | <b>Shipping Condition:</b> | Shipping at Room Temperature              |

## Chemical Structure:



| Test Items        | Method            | Results             |
|-------------------|-------------------|---------------------|
| Appearance        | Visual inspection | Yellow Solid        |
| Identification    | LCMS&UV&HNMR      | Confirmed           |
| Purity            | HPLC              | 99.568%             |
| Water Content     | Karl Fischer      | 0.61%               |
| Residual Solvents | NMR               | 1.17% ethyl acetate |
| Assay             |                   | 97.8%               |

## Comment:

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

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

Water Content and Residual Solvents are considered as absolute effect, HPLC purity is considered as relative effect.

## Signature:

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Reviewed by:

*Hinlam*

Approved by General Manager:

*David*

Date: Dec 15, 2025

Date: Dec 15, 2025

Date: Dec 15, 2025



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