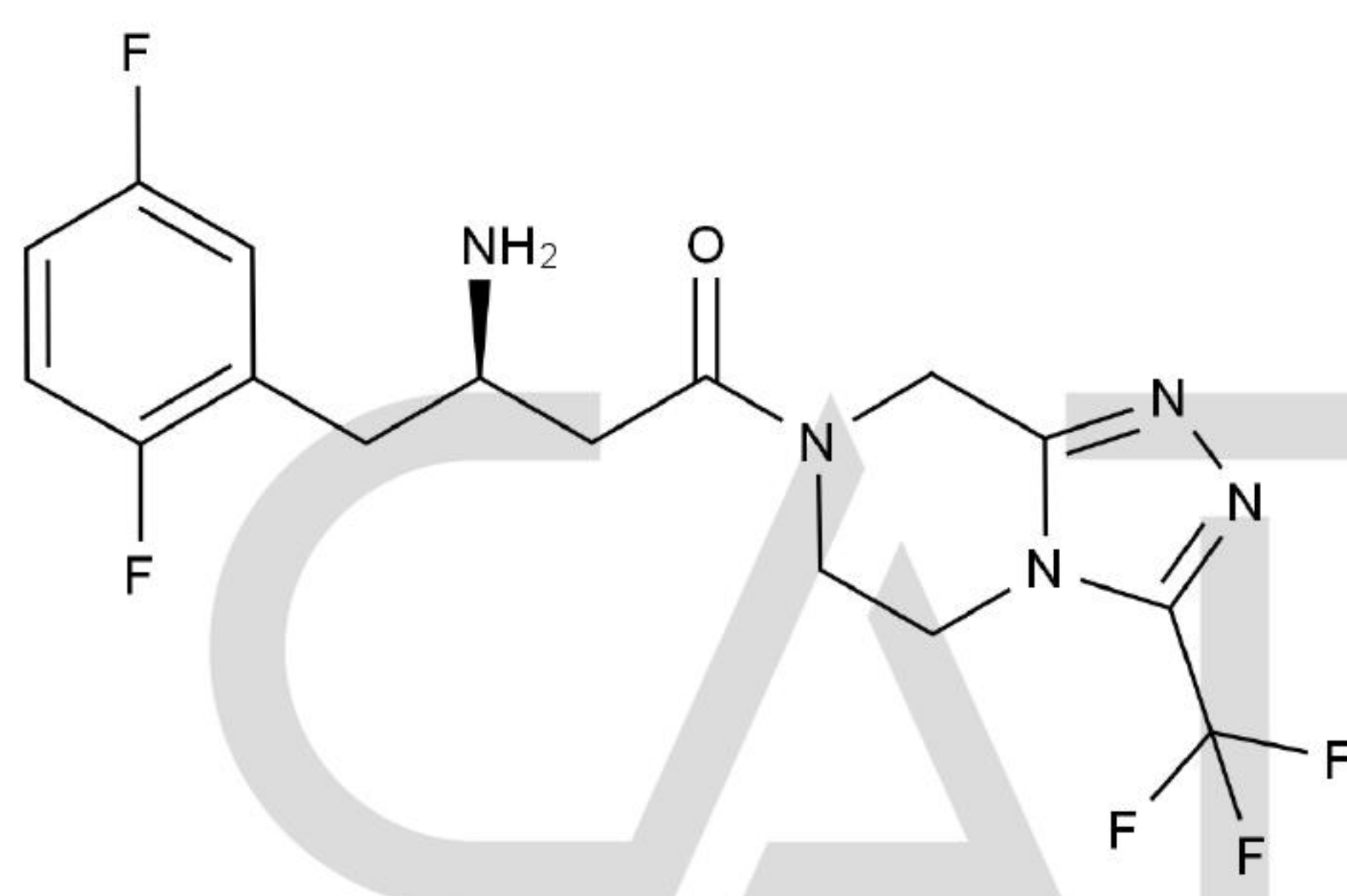


# Certificate of Analysis

## Reference Material & Standard

|                           |                                                                 |                            |                                                                                      |
|---------------------------|-----------------------------------------------------------------|----------------------------|--------------------------------------------------------------------------------------|
| <b>Product Name:</b>      | Sitagliptin EP Impurity B                                       | <b>Catalogue Number:</b>   | C4X-114432                                                                           |
| <b>Synonyms:</b>          | N/A                                                             | <b>Lot Number:</b>         | 0710-RH-0044                                                                         |
| <b>CAS Number:</b>        | 486460-31-5                                                     | <b>Expiry Date:</b>        | Jul 13, 2030                                                                         |
| <b>Molecular Formula:</b> | C <sub>16</sub> H <sub>16</sub> F <sub>5</sub> N <sub>5</sub> O | <b>Storage:</b>            | 2°C ~ 8°C Protected from light and Sealed                                            |
| <b>Molecular Weight:</b>  | 389.32                                                          | <b>Shipping Condition:</b> | Shipping at Room Temperature                                                         |
| <b>Solubility:</b>        | Acetonitrile                                                    | <b>Warning:</b>            |  |

Chemical Structure:



| Test Items     | Method            | Results                |
|----------------|-------------------|------------------------|
| Appearance     | Visual inspection | Off-White Sticky Solid |
| Identification | LCMS&HNMR         | Confirmed              |
| Purity         | HPLC              | 97.183%                |
| Loss on Drying | TGA               | 4.6005%                |
| Assay          |                   | 92.7%                  |

## Comment:

The calculation of the mass balance 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:

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Reviewed by:

*Koi*

Approved by General Manager:

*David*

Date: Jul 14, 2026

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Date: Jul 14, 2026



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