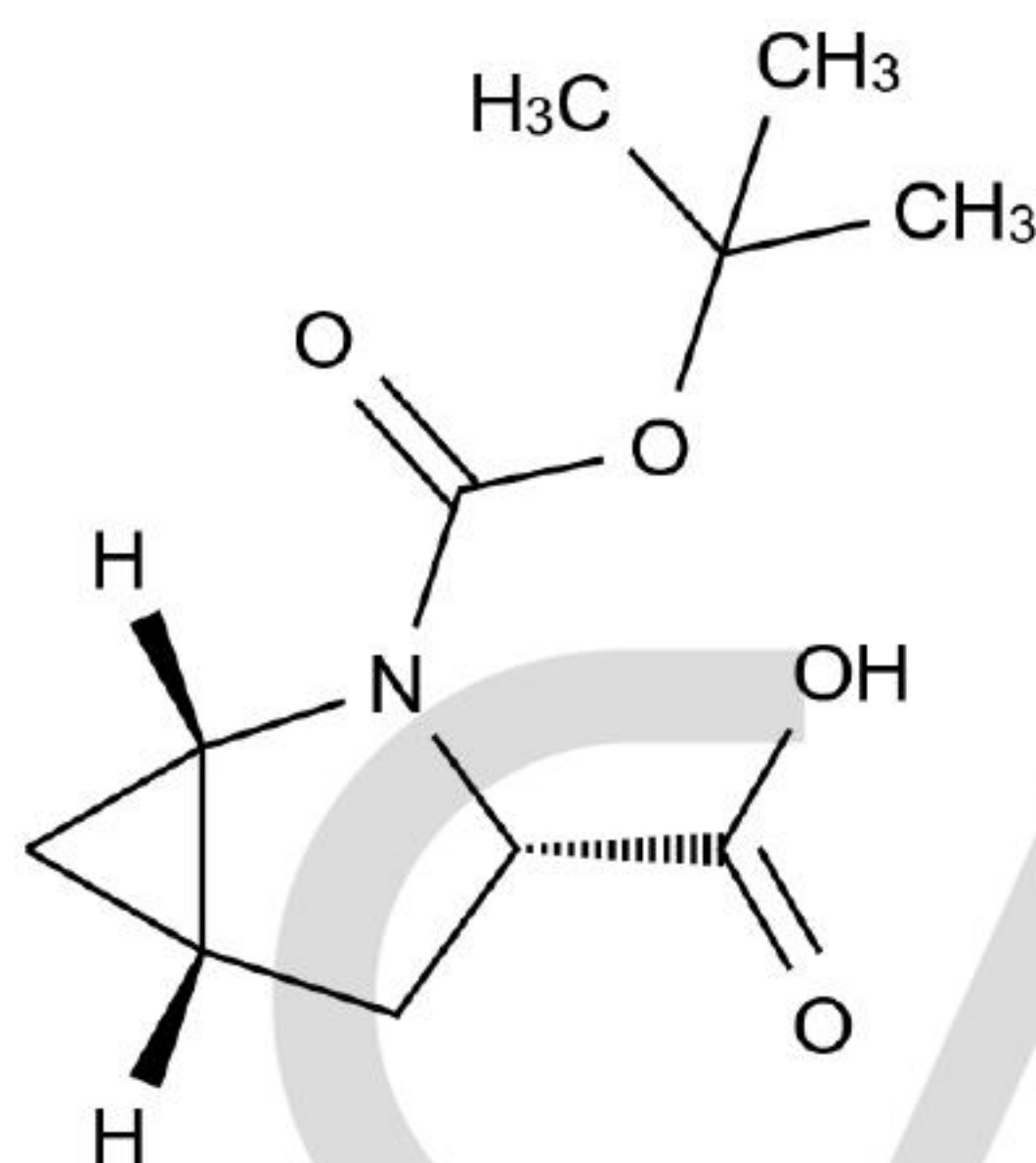


# Certificate of Analysis

## Reference Material & Standard

|                    |                                                 |                   |                                                                                     |
|--------------------|-------------------------------------------------|-------------------|-------------------------------------------------------------------------------------|
| Product Name:      | Saxagliptin Impurity 47                         | Catalogue Number: | C4X-104947                                                                          |
| Synonyms:          | N/A                                             | Lot Number:       | 1202-RF-0099                                                                        |
| CAS Number:        | 197142-36-2                                     | Expiry Date:      | Dec 10, 2027                                                                        |
| Molecular Formula: | C <sub>11</sub> H <sub>17</sub> NO <sub>4</sub> | Storage:          | 2°C ~ 8°C Protected from light and Sealed                                           |
| Molecular Weight:  | 227.26                                          | Warning:          |  |

Chemical Structure:



| Test Items     | Method            | Results         |
|----------------|-------------------|-----------------|
| Appearance     | Visual inspection | Off-White Solid |
| Identification | LCMS&HNMR         | Confirmed       |
| Purity         | GC                | 100.0%          |
| Assay          | qNMR              | 94.8%           |

## Comment:

Assay was determined by quantitative <sup>1</sup>H-NMR.

## Signature:

Prepared by:

*Nice*

Reviewed by:

*Koi*

Approved by General Manager:

*David*

Date: Dec 11, 2024

Date: Dec 11, 2024

Date: Dec 11, 2024

