

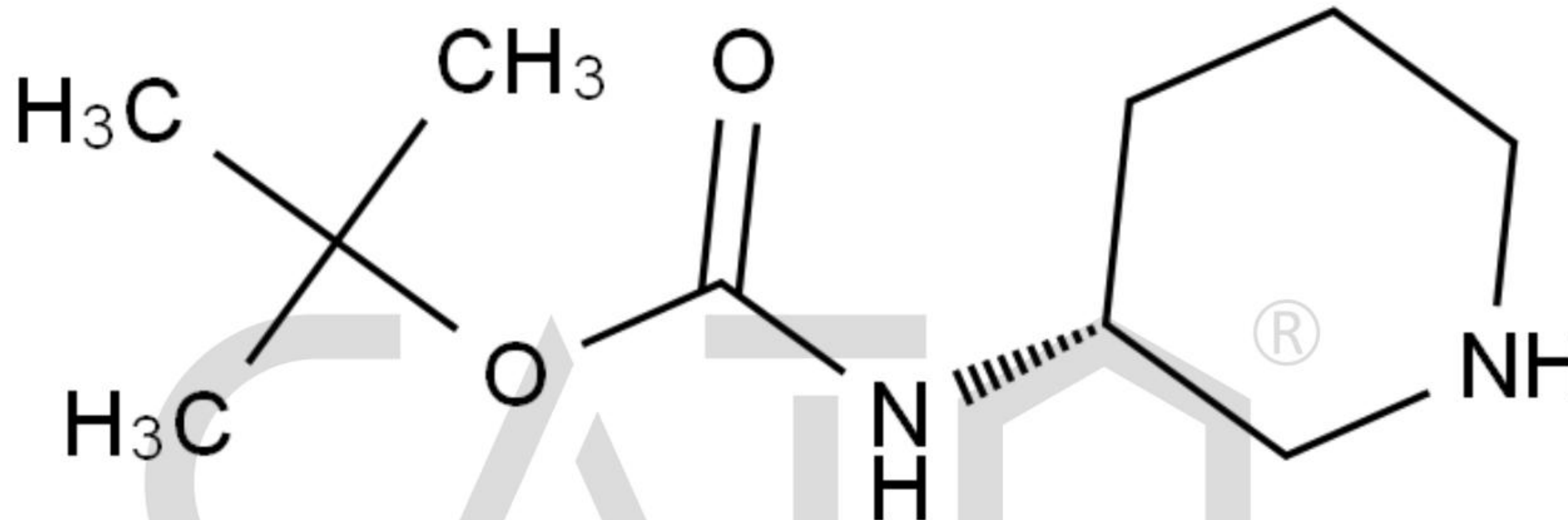
# Certificate of Analysis

## Reference Material & Standard

|                    |                                                               |                   |                                           |
|--------------------|---------------------------------------------------------------|-------------------|-------------------------------------------|
| Product Name:      | Trelagliptin Impurity 23                                      | Catalogue Number: | C4X-104623                                |
| Synonyms:          | N/A                                                           | Lot Number:       | 0528-RG-0001                              |
| CAS Number:        | 309956-78-3                                                   | Expiry Date:      | May 26, 2028                              |
| Molecular Formula: | C <sub>10</sub> H <sub>20</sub> N <sub>2</sub> O <sub>2</sub> | Storage:          | 2°C ~ 8°C Protected from light and Sealed |
| Molecular Weight:  | 200.28                                                        | Warning:          |                                           |



Chemical Structure:



| Test Items     | Method            | Results         |
|----------------|-------------------|-----------------|
| Appearance     | Visual inspection | Off-White Solid |
| Identification | LCMS&HNMR         | Confirmed       |
| Purity         | ELSD              | 100.0%          |
| Assay          | qNMR              | 98.5%           |

## Comment:

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

Signature:

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*Lisa*

Approved by General Manager:

*David*

Date: May 28, 2025

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