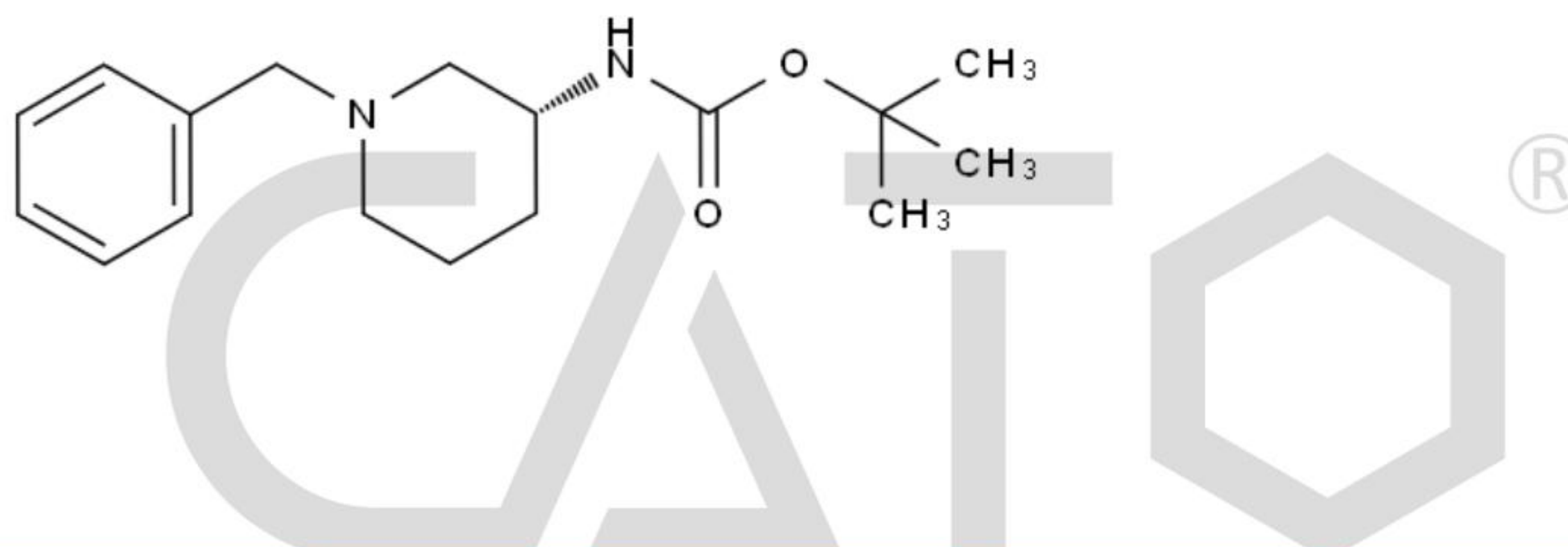


# Certificate of Analysis

## Reference Material & Standard

|                    |                                                               |                     |                                           |
|--------------------|---------------------------------------------------------------|---------------------|-------------------------------------------|
| Product Name:      | Alogliptin Impurity 56                                        | Catalogue Number:   | C4X-109956                                |
| Synonyms:          | N/A                                                           | Lot Number:         | 1231-RG-0023                              |
| CAS Number:        | 454713-13-4                                                   | Expiry Date:        | Jan 04, 2030                              |
| Molecular Formula: | C <sub>17</sub> H <sub>26</sub> N <sub>2</sub> O <sub>2</sub> | Storage:            | 2°C ~ 8°C Protected from light and Sealed |
| Molecular Weight:  | 290.40                                                        | Shipping Condition: | Shipping at Room Temperature              |
| Solubility:        | Acetonitrile                                                  |                     |                                           |

Chemical Structure:



| Test Items     | Method            | Results         |
|----------------|-------------------|-----------------|
| Appearance     | Visual inspection | Off-White Solid |
| Identification | LCMS&HNMR         | Confirmed       |
| Purity         | HPLC              | 100.0%          |
| Assay          | qNMR              | 99.3%           |

Signature:

Prepared by:

*Hin Lam*

Reviewed by:

*Koi*

Approved by General Manager:

*David*

Date: Jan 05, 2026

Date: Jan 05, 2026

Date: Jan 05, 2026



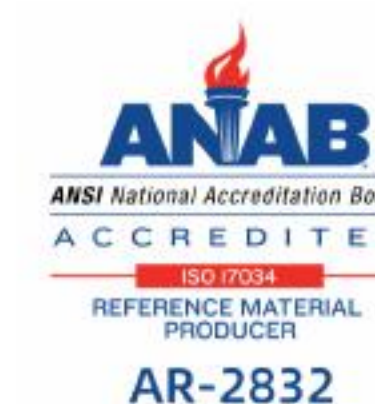
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