

# Certificate of Analysis

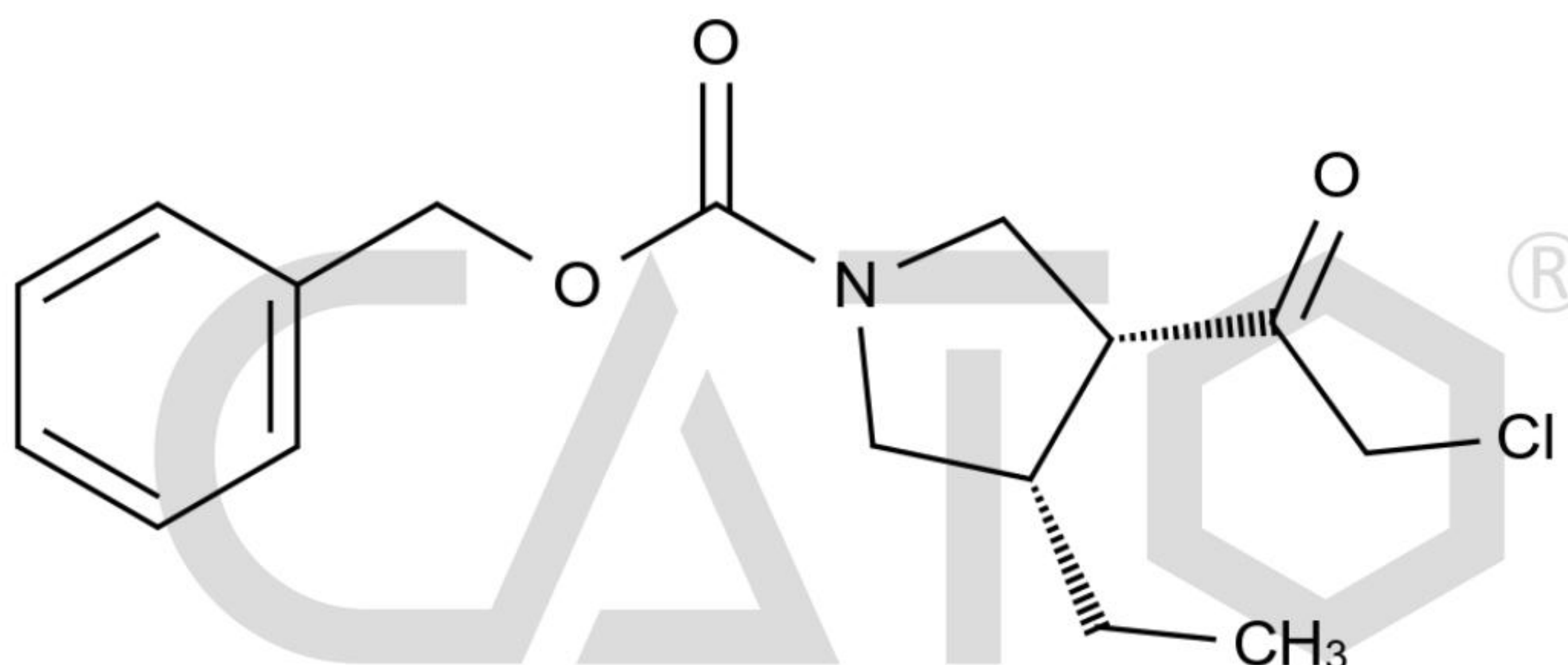
## Reference Material & Standard

|                    |                                                   |                     |                                           |
|--------------------|---------------------------------------------------|---------------------|-------------------------------------------|
| Product Name:      | Upadacitinib Impurity 65                          | Catalogue Number:   | C4X-240565                                |
| Synonyms:          | N/A                                               | Lot Number:         | 0313-RH-0119                              |
| CAS Number:        | 2460133-49-5                                      | Expiry Date:        | Oct 20, 2029                              |
| Molecular Formula: | C <sub>16</sub> H <sub>20</sub> ClNO <sub>3</sub> | Storage:            | -20°C±5°C Protected from light and Sealed |
| Molecular Weight:  | 309.79                                            | Shipping Condition: | Shipping with Ice Packs                   |

Warning:



Chemical Structure:



| Test Items     | Method            | Results         |
|----------------|-------------------|-----------------|
| Appearance     | Visual inspection | Off-White Solid |
| Identification | LCMS&HNMR         | Confirmed       |
| Purity         | HPLC              | 98.7%           |
| Assay          | qNMR              | 95.5%           |

Signature:

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Approved by General Manager:

*David*

Date: Mar 16, 2026

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