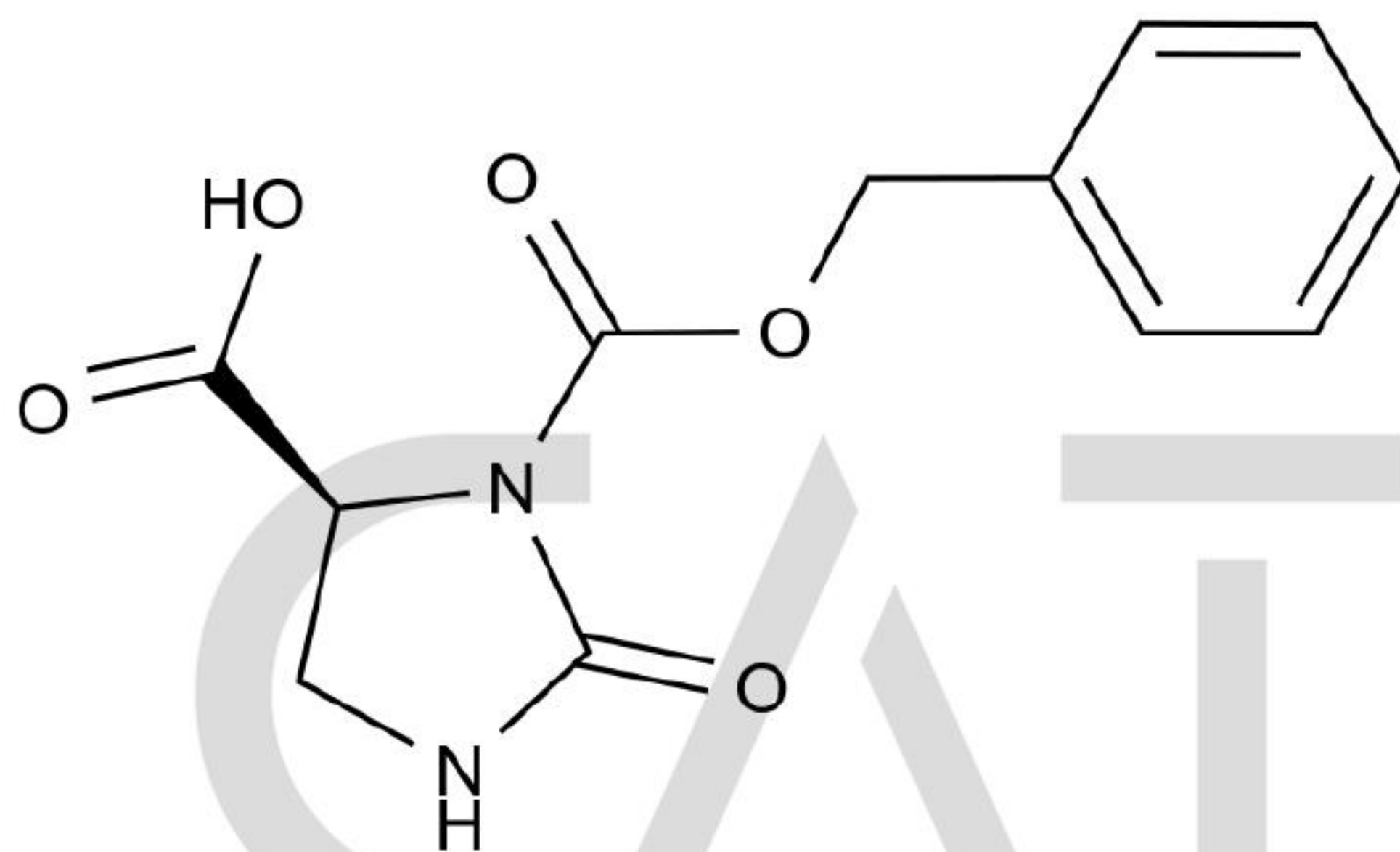


# Certificate of Analysis

## Reference Material & Standard

|                           |                                                  |                          |                                                                                     |
|---------------------------|--------------------------------------------------|--------------------------|-------------------------------------------------------------------------------------|
| <b>Product Name:</b>      | (4S)-3-Cbz-2-oxo-Imidazolidine-4-carboxylic acid | <b>Catalogue Number:</b> | C1922345                                                                            |
| <b>Synonyms:</b>          | N/A                                              | <b>Lot Number:</b>       | 0625-RG-0077                                                                        |
| <b>CAS Number:</b>        | 59760-01-9                                       | <b>Expiry Date:</b>      | Jun 29, 2029                                                                        |
| <b>Molecular Formula:</b> | C12H12N2O5                                       | <b>Storage:</b>          | 2°C ~ 8°C Protected from light and Sealed                                           |
| <b>Molecular Weight:</b>  | 264.23                                           | <b>Warning:</b>          |  |

Chemical Structure:



| Test Items     | Method            | Results     |
|----------------|-------------------|-------------|
| Appearance     | Visual inspection | White Solid |
| Identification | LCMS&CNMR&HNMR    | Confirmed   |
| Purity         | HPLC              | 100.000%    |
| Loss On Drying | TGA               | 1.5131%     |
| Assay          |                   | 98.5%       |

## Comment:

The calculation of the 100% 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:

*Nice*

Reviewed by:

*Koi*

Approved by General Manager:

*David*

Date: Jun 30, 2025

Date: Jun 30, 2025

Date: Jun 30, 2025

