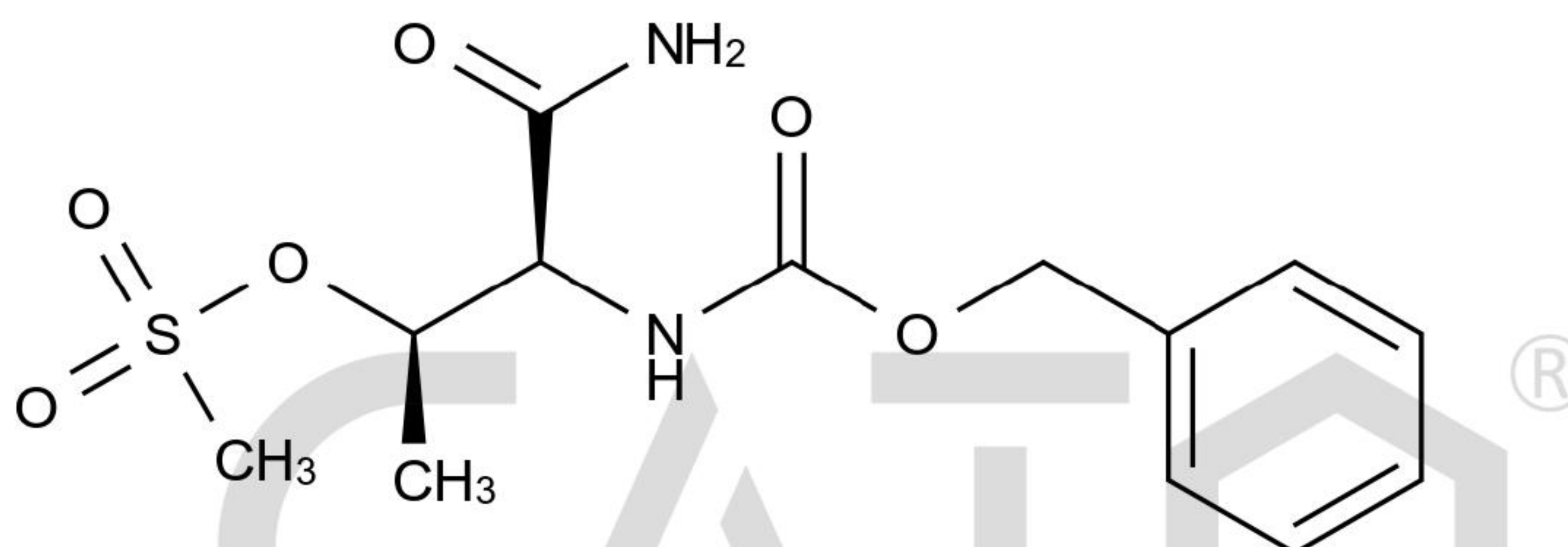


# Certificate of Analysis

## Reference Material & Standard

|                           |                                                                                 |                            |                                                                                     |
|---------------------------|---------------------------------------------------------------------------------|----------------------------|-------------------------------------------------------------------------------------|
| <b>Product Name:</b>      | (2R,3S)-4-amino-3-(((benzyloxy)carbonyl)amino)-4-oxobutan-2-yl methanesulfonate | <b>Catalogue Number:</b>   | C1879394                                                                            |
| <b>Synonyms:</b>          | N/A                                                                             | <b>Lot Number:</b>         | 0727-RH-0078                                                                        |
| <b>CAS Number:</b>        | 80082-51-5                                                                      | <b>Expiry Date:</b>        | Jul 28, 2030                                                                        |
| <b>Molecular Formula:</b> | C <sub>13</sub> H <sub>18</sub> N <sub>2</sub> O <sub>6</sub> S                 | <b>Storage:</b>            | 2°C ~ 8°C Protected from light and Sealed                                           |
| <b>Molecular Weight:</b>  | 330.36                                                                          | <b>Shipping Condition:</b> | Shipping at Room Temperature                                                        |
| <b>Solubility:</b>        | Acetonitrile                                                                    | <b>Warning:</b>            |  |

Chemical Structure:



| Test Items     | Method            | Results     |
|----------------|-------------------|-------------|
| Appearance     | Visual inspection | White Solid |
| Identification | LCMS&HNMR         | Confirmed   |
| Purity         | HPLC              | 99.661%     |
| Loss on Drying | TGA               | 0.1669%     |
| Assay          |                   | 99.5%       |

## Comment:

The calculation of the mass balance 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: Jul 29, 2026

Date: Jul 29, 2026

Date: Jul 29, 2026



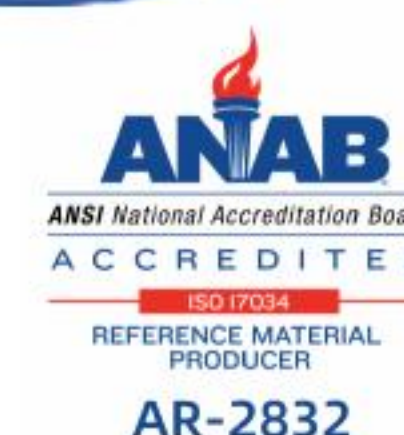
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