

# Certificate of Analysis

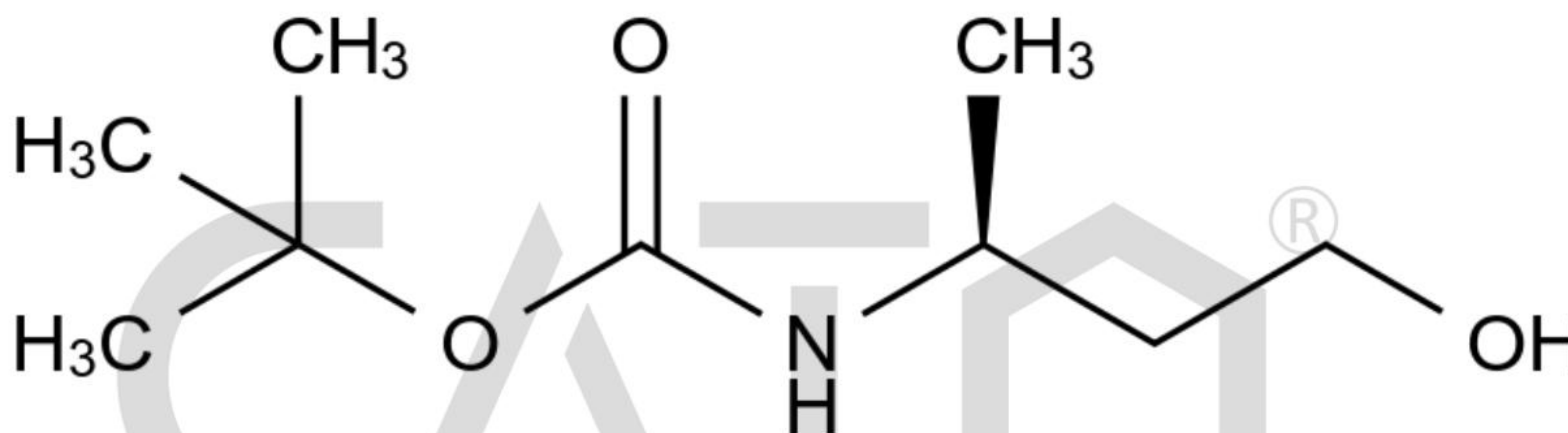
## Reference Material & Standard

|                           |                                                |                            |                                           |
|---------------------------|------------------------------------------------|----------------------------|-------------------------------------------|
| <b>Product Name:</b>      | tert-Butyl (S)-(4-hydroxybutan-2-yl)carbamate  | <b>Catalogue Number:</b>   | C1044479                                  |
| <b>Synonyms:</b>          | N/A                                            | <b>Lot Number:</b>         | 1128-RG-0072                              |
| <b>CAS Number:</b>        | 106539-36-0                                    | <b>Expiry Date:</b>        | Dec 03, 2029                              |
| <b>Molecular Formula:</b> | C <sub>9</sub> H <sub>19</sub> NO <sub>3</sub> | <b>Storage:</b>            | 2°C ~ 8°C Protected from light and Sealed |
| <b>Molecular Weight:</b>  | 189.25                                         | <b>Shipping Condition:</b> | Shipping at Room Temperature              |

**Warning:**



**Chemical Structure:**



| Test Items     | Method            | Results     |
|----------------|-------------------|-------------|
| Appearance     | Visual inspection | White Solid |
| Identification | GCMS&HNMR         | Confirmed   |
| Purity         | GC                | 99.032%     |
| Loss On Drying | TGA               | 0.2908%     |
| Assay          |                   | 98.7%       |

## Comment:

The calculation of the mass balance method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Loss On Drying) \* Purity GC (%) / 100%

Loss On Drying is considered as absolute effect, GC purity is considered as relative effect.

**Signature:**

Prepared by:

*Nice*

Reviewed by:

*Koi*

Approved by General Manager:

*David*

Date: Dec 04, 2025

Date: Dec 04, 2025

Date: Dec 04, 2025



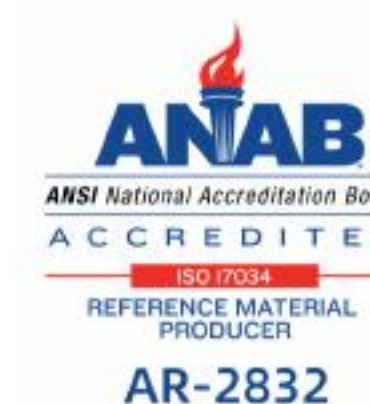
Add: 3rd Floor, Building B, No.179, Guangpu Rd East, Huangpu District, Guangzhou, China

Tel: +86-20-81960175

Email: supports@cato-chem.com

Web: <https://www.cato-chem.com>

Page 1 of 7



Official WeChat