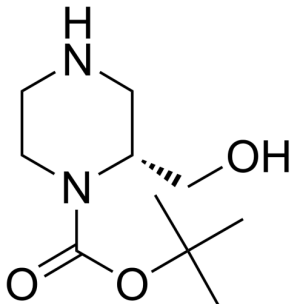


## Certificate of Analysis

### Compound Information

|                            |                                                                                   |
|----------------------------|-----------------------------------------------------------------------------------|
| <b>Product Name:</b>       | (R)-1-Boc-2-Hydroxymethyl-piperazine                                              |
| <b>Cat. No.:</b>           | 1052538                                                                           |
| <b>CAS No.:</b>            | 169448-87-7                                                                       |
| <b>Molecular Formula:</b>  | C <sub>10</sub> H <sub>20</sub> N <sub>2</sub> O <sub>3</sub>                     |
| <b>Molecular Weight:</b>   | 216.28                                                                            |
| <b>Chemical Structure:</b> |  |

### Batch Information

|                     |                        |
|---------------------|------------------------|
| <b>Batch No.:</b>   | Ld0120009              |
| <b>Storage:</b>     | RT, protect from light |
| <b>Test Date:</b>   | 2020-01-20             |
| <b>Retest Date:</b> | 2023-01-19             |
| <b>Origin:</b>      | Shanghai, China        |

### QC Summary

|                                    |                                                                         |
|------------------------------------|-------------------------------------------------------------------------|
| <b>Appearance:</b>                 | White to yellow (Solid)                                                 |
| <b><sup>1</sup>H NMR Spectrum:</b> | Consistent with structure                                               |
| <b>Purity (NMR):</b>               | ≥97.0%                                                                  |
| <b>Conclusion:</b>                 | The product has been tested and complies with the given specifications. |

**Caution: Research use only and are not intended for human use.**

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