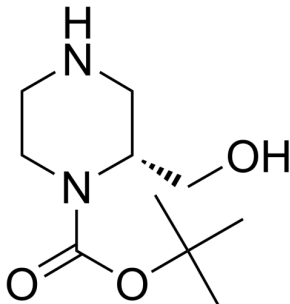


Certificate of Analysis

Compound Information

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

Batch Information

| | |
|---------------------|------------------------|
| Batch No.: | Le010527889 |
| Storage: | RT, protect from light |
| Test Date: | 2021-01-05 |
| Retest Date: | 2024-01-04 |
| Origin: | Shanghai, China |

QC Summary

| | |
|------------------------------------|---|
| Appearance: | White to yellow (Solid) |
| ¹H NMR Spectrum: | Consistent with structure |
| Optical Rotation: | Consistent with structure |
| Purity (NMR): | ≥97.0% |
| Conclusion: | 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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