

## Certificate of Analysis

### Compound Information

**Product Name:** (R)-1-Boc-2-isobutyl-piperazine

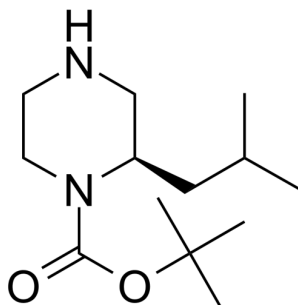
**Cat. No.:** 1052541

**CAS No.:** 1217599-13-7

**Molecular Formula:** C<sub>13</sub>H<sub>26</sub>N<sub>2</sub>O<sub>2</sub>

**Molecular Weight:** 242.36

**Chemical Structure:**



### Batch Information

**Batch No.:** Lf0608138247

**Storage:** Storage temp. 2-8°C

**Mfg. Date:** 2022-06-06

**Retest Date:** 2025-06-05

**Origin:** Shanghai, China

### QC Summary

**Appearance:** Light yellow to yellow (Liquid)

**<sup>1</sup>H NMR Spectrum:** Consistent with structure

**Purity (NMR):** ≥95.0%

**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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