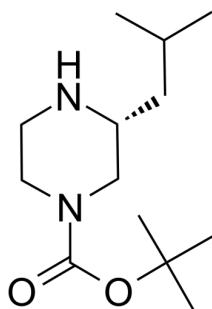


## Certificate of Analysis

### Compound Information

<b>Product Name:</b>	(R)-1-Boc-3-isobutyl-piperazine
<b>Cat. No.:</b>	1058092
<b>CAS No.:</b>	928025-61-0
<b>Molecular Formula:</b>	C <sub>13</sub> H <sub>26</sub> N <sub>2</sub> O <sub>2</sub>
<b>Molecular Weight:</b>	242.36
<b>Chemical Structure:</b>	



### Batch Information

<b>Batch No.:</b>	Lb1219030
<b>Storage:</b>	Storage temp. 2-8°C
<b>Mfg. Date:</b>	2018-12-19
<b>Retest Date:</b>	2021-12-18
<b>Origin:</b>	Shanghai, China

### QC Summary

<b>Appearance:</b>	Light yellow to yellow (Solid-liquid mixture)
<b><sup>1</sup>H NMR Spectrum:</b>	Consistent with structure
<b>Purity (NMR):</b>	≥95.0%
<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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