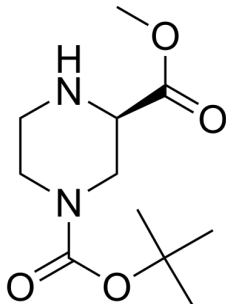
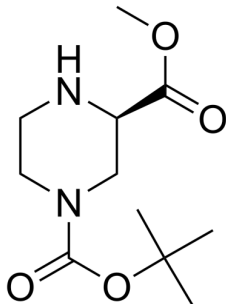


## Certificate of Analysis

### Compound Information

<b>Product Name:</b>	(R)-1-N-Boc-piperazine-3-carboxylic acid methyl ester
<b>Cat. No.:</b>	1058087
<b>CAS No.:</b>	438631-77-7
<b>Molecular Formula:</b>	C <sub>11</sub> H <sub>20</sub> N <sub>2</sub> O <sub>4</sub>
<b>Molecular Weight:</b>	244.29
<b>Chemical Structure:</b>	



### Batch Information

<b>Batch No.:</b>	Ld090116605
<b>Storage:</b>	2-8°C, protect from light, stored under nitrogen
<b>Test Date:</b>	2020-06-30
<b>Retest Date:</b>	2023-06-29
<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 (GC):</b>	99.82%
<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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