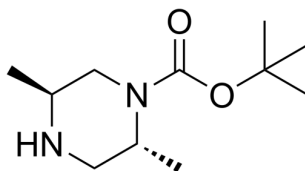


## Certificate of Analysis

### Compound Information

<b>Product Name:</b>	tert-Butyl (2R,5S)-2,5-dimethylpiperazine-1-carboxylate
<b>Cat. No.:</b>	1061272
<b>CAS No.:</b>	309915-46-6
<b>Molecular Formula:</b>	C <sub>11</sub> H <sub>22</sub> N <sub>2</sub> O <sub>2</sub>
<b>Molecular Weight:</b>	214.30
<b>Chemical Structure:</b>	



### Batch Information

<b>Batch No.:</b>	Le1e11512
<b>Storage:</b>	RT, protect from light
<b>Test Date:</b>	2021-12-06
<b>Retest Date:</b>	2024-12-05
<b>Origin:</b>	Shanghai, China

### QC Summary

<b>Appearance:</b>	Colorless to light yellow (Solid-liquid mixture)
<b><sup>1</sup>H NMR Spectrum:</b>	Consistent with structure
<b>Purity (GC):</b>	99.87%
<b>Water(KF):</b>	0.20%
<b>OR(C=0.62450 ETOH):</b>	-73.2°
<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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