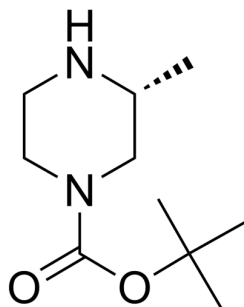


## Certificate of Analysis

### Compound Information

Product Name:	(R)-1-Boc-3-methyl-piperazine
Cat. No.:	1023042
CAS No.:	163765-44-4
Molecular Formula:	C <sub>10</sub> H <sub>20</sub> N <sub>2</sub> O <sub>2</sub>
Molecular Weight:	200.28
Chemical Structure:	



### Batch Information

Batch No.:	Ld061105166
Storage:	2-8°C, protect from light
Test Date:	2020-06-12
Retest Date:	2025-06-11
Origin:	Shanghai, China

### QC Summary

Appearance:	Colorless to off-white (<40°C Solid,>45°C Liquid)
<sup>1</sup> H NMR Spectrum:	Consistent with structure
Optical Rotation:	Consistent with structure
Purity (NMR):	≥98.0%
Conclusion:	The product has been tested and complies with the given specifications.

Caution: Research use only and are not intended for human use.

Tel: 400-821-0725

E-mail: [product@leyan.com](mailto:product@leyan.com)

Address: No. 1999 Zhangheng Road, Building 3, Zhangjiang High-Tech Park, Shanghai