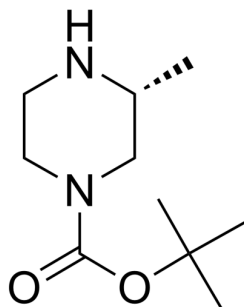


Certificate of Analysis

Compound Information

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



Batch Information

Batch No.:	Lf0930172724
Storage:	2-8°C, protect from light
Test Date:	2022-09-30
Retest Date:	2025-09-29
Origin:	Shanghai, China

QC Summary

Appearance:	Colorless to off-white (<40°C Solid,>45°C Liquid)
¹ H NMR Spectrum:	Consistent with structure
Purity (NMR):	≥98.0%
Water(KF):	0.25%
OR(C=1.00 g/100ml CHCL ₃):	19.9°
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

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