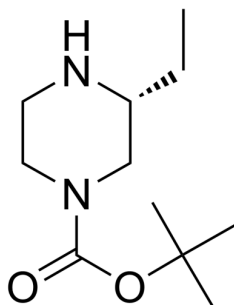


Certificate of Analysis

Compound Information

Product Name:	(R)-1-Boc- 3-ethyl-piperazine
Cat. No.:	1064643
CAS No.:	438050-08-9
Molecular Formula:	C ₁₁ H ₂₂ N ₂ O ₂
Molecular Weight:	214.30
Chemical Structure:	



Batch Information

Batch No.:	Lg0e99110
Storage:	Storage temp. 2-8°C
Mfg. Date:	2023-02-02
Retest Date:	2026-02-01
Origin:	Shanghai, China

QC Summary

Appearance:	Colorless to light yellow (Liquid)
¹H NMR Spectrum:	Consistent with structure
Optical Rotation:	Consistent with structure
Purity (NMR):	≥97.0%
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

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