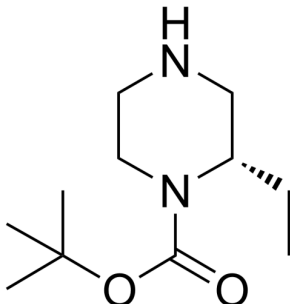


Certificate of Analysis

Compound Information

Product Name:	(S)-1-Boc-2-ethyl-piperazine
Cat. No.:	1051285
CAS No.:	325145-35-5
Molecular Formula:	C ₁₁ H ₂₂ N ₂ O ₂
Molecular Weight:	214.30
Chemical Structure:	

Batch Information

Batch No.:	Lg0928309528
Storage:	RT, protect from light
Test Date:	2023-09-28
Retest Date:	2026-09-27
Origin:	Shanghai, China

QC Summary

Appearance:	Colorless to light yellow (Liquid)
¹H NMR Spectrum:	Consistent with structure
MS:	Consistent with structure
Purity (GC):	97.78%
Optical Rotation:	47.034° (C=0.01 g/ml, CHCL ₃)
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

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