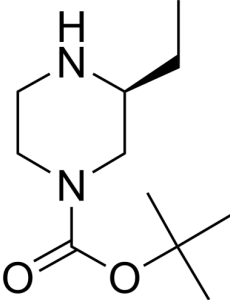
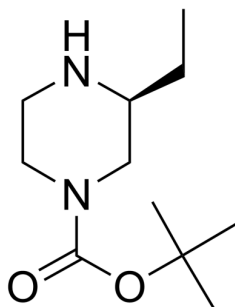


Certificate of Analysis

Compound Information

Product Name:	(S)-1-Boc- 3-ethyl-piperazine
Cat. No.:	1058088
CAS No.:	928025-56-3
Molecular Formula:	C ₁₁ H ₂₂ N ₂ O ₂
Molecular Weight:	214.30
Chemical Structure:	



Batch Information

Batch No.:	Lf1224192315
Storage:	Storage temp. 2-8°C
Test Date:	2022-12-24
Retest Date:	2025-12-23
Origin:	Shanghai, China

QC Summary

Appearance:	Light yellow to brown (Liquid)
¹H NMR Spectrum:	Consistent with structure
Purity (NMR):	≥97.0%
Optical Rotation:	-14.1° (C=0.88 g/100ml, 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

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