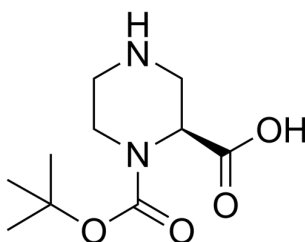


Certificate of Analysis

Compound Information

Product Name:	(S)-1-Boc-piperazine-2-carboxylic acid
Cat. No.:	1062967
CAS No.:	159532-59-9
Molecular Formula:	C ₁₀ H ₁₈ N ₂ O ₄
Molecular Weight:	230.26
Chemical Structure:	



Batch Information

Batch No.:	Lg0712278566
Storage:	Storage temp. 2-8°C
Test Date:	2023-07-12
Retest Date:	2026-07-11
Origin:	Shanghai, China

QC Summary

Appearance:	White to off-white (Solid)
¹H NMR Spectrum:	Consistent with structure
Enantiomeric Excess:	100%
Purity (NMR):	≥98.0%
Optical Rotation:	-75.92° (C=0.94g/100ml H ₂ O)
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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