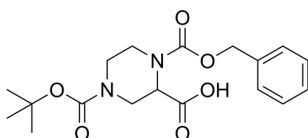


Certificate of Analysis

Compound Information

Product Name:	4-Boc-1-Cbz-2-piperazinecarboxylic acid
Cat. No.:	1019095
CAS No.:	126937-41-5
Molecular Formula:	C ₁₈ H ₂₄ N ₂ O ₆
Molecular Weight:	364.40
Chemical Structure:	



Batch Information

Batch No.:	Lf0908167208
Storage:	Store at room temperature
Test Date:	2022-09-08
Retest Date:	2027-09-07
Origin:	Shanghai, China

QC Summary

Appearance:	White to off-white (Solid)
¹H NMR Spectrum:	Consistent with structure
Optical Rotation:	Consistent with structure
Enantiomeric Excess:	100.00%
Purity (NMR):	≥97.0%
OR(C=1.00 g/100ml CHCL₃):	0.44°
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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