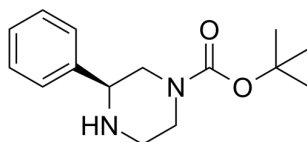


Certificate of Analysis

Compound Information

Product Name:	tert-Butyl (3S)-3-phenylpiperazine-1-carboxylate
Cat. No.:	1119181
CAS No.:	1221274-36-7
Molecular Formula:	C ₁₅ H ₂₂ N ₂ O ₂
Molecular Weight:	262.35
Chemical Structure:	



Batch Information

Batch No.:	Lf1004172811
Storage:	Storage temp. 2-8°C
Mfg. Date:	2022-10-04
Retest Date:	2025-10-03
Origin:	Shanghai, China

QC Summary

Appearance:	White to off-white (Solid)
¹H NMR Spectrum:	Consistent with structure
Optical Rotation:	Consistent with structure
Enantiomeric Excess:	97.30%
Purity (HPLC):	99.56%
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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