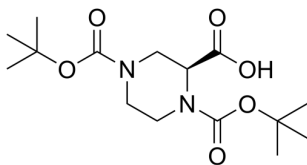


Certificate of Analysis

Compound Information

Product Name:	(S)-1,4-Bis(tert-butoxycarbonyl)piperazine-2-carboxylic acid
Cat. No.:	1058830
CAS No.:	788799-69-9
Molecular Formula:	C ₁₅ H ₂₆ N ₂ O ₆
Molecular Weight:	330.38
Chemical Structure:	



Batch Information

Batch No.:	Lf0812160042
Storage:	Store at room temperature
Test Date:	2022-08-12
Retest Date:	2027-08-11
Origin:	Shanghai, China

QC Summary

Appearance:	White to off-white (Solid)
¹ H NMR Spectrum:	Consistent with structure
Purity (NMR):	≥98.0%
Water(KF):	0.15%
OR(C=1.00 g/100mL, CHCL3):	-21.2°
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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