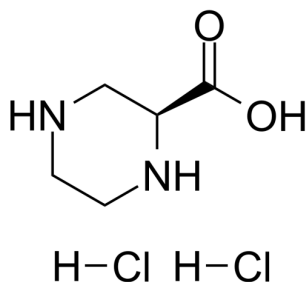


Certificate of Analysis

Compound Information

Product Name:	(S)-Piperazine-2-carboxylic acid dihydrochloride
Cat. No.:	1022715
CAS No.:	158663-69-5
Molecular Formula:	C ₅ H ₁₂ Cl ₂ N ₂ O ₂
Molecular Weight:	203.07
Chemical Structure:	



Batch Information

Batch No.:	Lf0822162088
Storage:	RT, protect from light
Mfg. Date:	2022-08-22
Retest Date:	2025-08-21
Origin:	Shanghai, China

QC Summary

Appearance:	White to off-white (Solid)
¹H NMR Spectrum:	Consistent with structure
Purity (NMR):	≥97.0%
OR(C=1.00g/100ml H₂O):	-5.5°
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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