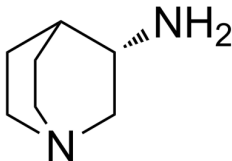


Certificate of Analysis

Compound Information

Product Name:	(S)-Quinuclidin-3-amine (dihydrochloride)
Cat. No.:	1017980
CAS No.:	119904-90-4
Molecular Formula:	C ₇ H ₁₆ Cl ₂ N ₂
Molecular Weight:	199.12
Chemical Structure:	

HCl HCl

Batch Information

Batch No.:	Ld040100865
Storage:	2-8°C, sealed storage, away from moisture
Test Date:	2019-04-19
Retest Date:	2022-04-18
Origin:	Shanghai, China

QC Summary

Appearance:	White to off-white (Solid)
¹H NMR Spectrum:	Consistent with structure
Optical Rotation:	Consistent with structure
Purity (NMR):	≥97.0%
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

Address: No. 1999 Zhangheng Road, Building 3, Zhangjiang High-Tech Park, Shanghai