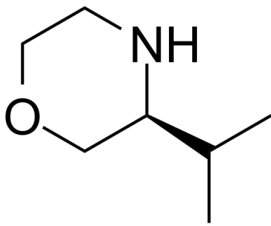


Certificate of Analysis

Compound Information

Product Name:	(S)-3-Isopropylmorpholine hydrochloride
Cat. No.:	1217589
CAS No.:	218595-15-4
Molecular Formula:	C ₇ H ₁₆ ClNO
Molecular Weight:	165.66
Chemical Structure:	

H-Cl

Batch Information

Batch No.:	Lf0611139259
Storage:	2-8°C, protect from light
Mfg. Date:	2022-06-11
Retest Date:	2025-06-10
Origin:	Shanghai, China

QC Summary

Appearance:	White to off-white (Solid)
¹H NMR Spectrum:	Consistent with structure
Purity (NMR):	≥97.0%
OR[α](C=1.00 g/100ml H₂O):	-18.4°
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