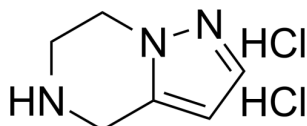


Certificate of Analysis

Compound Information

Product Name:	4,5,6,7-Tetrahydropyrazolo[1,5-a]pyrazine dihydrochloride
Cat. No.:	1108879
CAS No.:	165894-07-5
Molecular Formula:	C ₆ H ₁₁ Cl ₂ N ₃
Molecular Weight:	196.08
Chemical Structure:	



Batch Information

Batch No.:	Lf0110117543
Storage:	Store at room temperature
Mfg. Date:	2022-01-10
Retest Date:	2025-01-09
Origin:	Shanghai, China

QC Summary

Appearance:	White to off-white (Solid)
¹H NMR Spectrum:	Consistent with structure
Purity(NMR):	90-94%
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