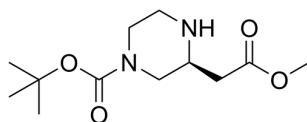


Certificate of Analysis

Compound Information

Product Name:	tert-Butyl (S)-3-(2-methoxy-2-oxoethyl)piperazine-1-carboxylate
Cat. No.:	1183517
CAS No.:	1217810-25-7
Molecular Formula:	C ₁₂ H ₂₂ N ₂ O ₄
Molecular Weight:	258.31
Chemical Structure:	



Batch Information

Batch No.:	Le040666097
Storage:	2-8°C, protect from light
Test Date:	2021-03-29
Retest Date:	2024-03-28
Origin:	Shanghai, China

QC Summary

Appearance:	White to yellow (Solid)
¹H NMR Spectrum:	Consistent with structure
MS:	Consistent with structure
Enantiomeric Excess:	97.61%
Purity (HPLC):	99.15%
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