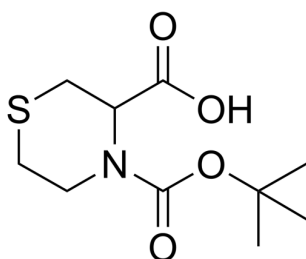


Certificate of Analysis

Compound Information

Product Name:	4-(tert-Butoxycarbonyl)thiomorpholine-3-carboxylic acid
Cat. No.:	1052179
CAS No.:	128453-98-5
Molecular Formula:	C ₁₀ H ₁₇ NO ₄ S
Molecular Weight:	247.31
Chemical Structure:	



Batch Information

Batch No.:	Lg0821296315
Storage:	Store at room temperature
Test Date:	2023-08-21
Retest Date:	2028-08-20
Origin:	Shanghai, China

QC Summary

Appearance:	Off-white to brown (Solid)
¹H NMR Spectrum:	Consistent with structure
Purity (NMR):	≥97.0%
Optical Rotation:	-0.74°(C=1.0 g/100ml ME0H)
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