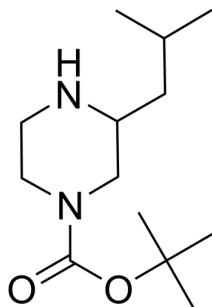


Certificate of Analysis

Compound Information

Product Name:	1-Boc-3-isobutyl-piperazine
Cat. No.:	1058093
CAS No.:	78551-93-6
Molecular Formula:	C ₁₃ H ₂₆ N ₂ O ₂
Molecular Weight:	242.36
Chemical Structure:	



Batch Information

Batch No.:	Lc0624138
Storage:	Storage temp. 2-8°C
Mfg. Date:	2018-08-13
Retest Date:	2021-08-13
Origin:	Shanghai, China

QC Summary

Appearance:	Light brown to brown (Oil)
¹H NMR Spectrum:	Consistent with structure
Purity (NMR):	≥95.0%
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