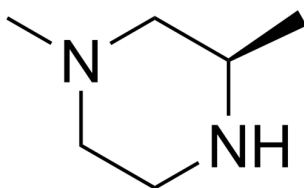


Certificate of Analysis

Compound Information

Product Name:	(3R)-1,3-Dimethylpiperazine
Cat. No.:	1076871
CAS No.:	1033717-21-3
Molecular Formula:	C ₆ H ₁₄ N ₂
Molecular Weight:	114.19
Chemical Structure:	



Batch Information

Batch No.:	Lg1104330821
Storage:	2-8°C, protect from light
Test Date:	2023-11-04
Retest Date:	2026-11-03
Origin:	Shanghai, China

QC Summary

Appearance:	Colorless to light yellow (Liquid)
¹ H NMR Spectrum:	Consistent with structure
MS:	Consistent with structure
Purity (GC):	99.29%
Optical Rotation[α]:	-14.2425° (C=1.00g/100ml CHCL ₃)
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

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