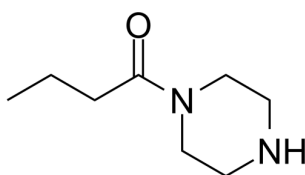


Certificate of Analysis

Compound Information

Product Name:	1-(Piperazin-1-yl)butan-1-one
Cat. No.:	1173336
CAS No.:	18903-04-3
Molecular Formula:	C ₈ H ₁₆ N ₂ O
Molecular Weight:	156.23
Chemical Structure:	



Batch Information

Batch No.:	Lc0911073
Storage:	2-8°C, protect from light
Mfg. Date:	2019-09-12
Retest Date:	2022-09-11
Origin:	Shanghai, China

QC Summary

Appearance:	Colorless to light yellow (Liquid)
¹ H NMR Spectrum:	Consistent with structure
Purity (NMR):	≥97.0%
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

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