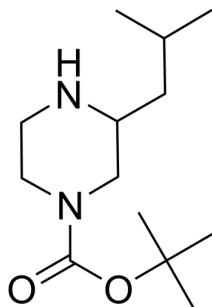


Certificate of Analysis

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.: | Lf1214190436 |
| Storage: | Storage temp. 2-8°C |
| Mfg. Date: | 2021-03-10 |
| Retest Date: | 2024-03-09 |
| 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

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