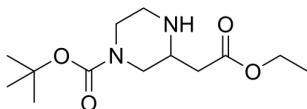


Certificate of Analysis

Compound Information

| | |
|----------------------------|---|
| Product Name: | tert-Butyl 3-(2-ethoxy-2-oxoethyl)piperazine-1-carboxylate |
| Cat. No.: | 1166795 |
| CAS No.: | 849547-86-0 |
| Molecular Formula: | C ₁₃ H ₂₄ N ₂ O ₄ |
| Molecular Weight: | 272.34 |
| Chemical Structure: | |



Batch Information

| | |
|---------------------|------------------------------|
| Batch No.: | Lc0618002 |
| Storage: | 2-8°C, stored under nitrogen |
| Test Date: | 2019-06-18 |
| Retest Date: | 2022-06-17 |
| Origin: | Shanghai, China |

QC Summary

| | |
|------------------------------------|---|
| Appearance: | Yellow to brown (Liquid) |
| ¹H 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.

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