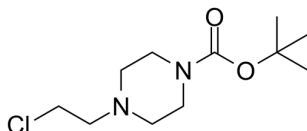


Certificate of Analysis

Compound Information

| | |
|---------------------|---|
| Product Name: | tert-Butyl 4-(2-chloroethyl)piperazine-1-carboxylate |
| Cat. No.: | 1062479 |
| CAS No.: | 208167-83-3 |
| Molecular Formula: | C ₁₁ H ₂₁ ClN ₂ O ₂ |
| Molecular Weight: | 248.75 |
| Chemical Structure: | |



Batch Information

| | |
|--------------|---------------------|
| Batch No.: | Lb0326079 |
| Storage: | Storage temp. -20°C |
| Mfg. Date: | 2018-03-28 |
| Retest Date: | 2022-03-27 |
| Origin: | Shanghai, China |

QC Summary

| | |
|------------------------------|---|
| Appearance: | White to off-white (Solid) |
| ¹ H NMR Spectrum: | Consistent with structure |
| Purity (GC): | 98.74% |
| 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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