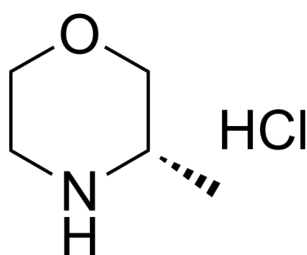


Certificate of Analysis

Compound Information

| | |
|----------------------------|--------------------------------------|
| Product Name: | (S)-3-Methylmorpholine hydrochloride |
| Cat. No.: | 1064506 |
| CAS No.: | 1022094-03-6 |
| Molecular Formula: | C ₅ H ₁₂ ClNO |
| Molecular Weight: | 137.61 |
| Chemical Structure: | |



Batch Information

| | |
|---------------------|---|
| Batch No.: | Lc022a |
| Storage: | 2-8°C, sealed storage, away from moisture |
| Test Date: | 2013-07-18 |
| Retest Date: | 2022-07-17 |
| Origin: | Shanghai, China |

QC Summary

| | |
|------------------------------------|---|
| Appearance: | Off-white to light brown (Solid) |
| ¹H NMR Spectrum: | Consistent with structure |
| Purity (NMR): | ≥98.0% |
| 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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