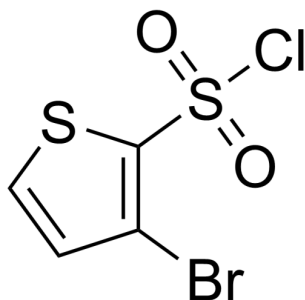


Certificate of Analysis

Compound Information

| | |
|----------------------------|---|
| Product Name: | 3-Bromothiophene-2-sulfonyl chloride |
| Cat. No.: | 1287011 |
| CAS No.: | 170727-02-3 |
| Molecular Formula: | C ₄ H ₂ BrClO ₂ S ₂ |
| Molecular Weight: | 261.54 |
| Chemical Structure: | |



Batch Information

| | |
|---------------------|---|
| Batch No.: | Lg1106331193 |
| Storage: | 2-8°C, sealed storage, away from moisture |
| Test Date: | 2023-11-06 |
| Retest Date: | 2026-11-05 |
| Origin: | Shanghai, China |

QC Summary

| | |
|------------------------------------|---|
| Appearance: | Off-white to light yellow (Solid) |
| ¹H NMR Spectrum: | Consistent with structure |
| MS: | 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

E-mail: product@leyan.com

Address: No. 1999 Zhangheng Road, Building 3, Zhangjiang High-Tech Park, Shanghai