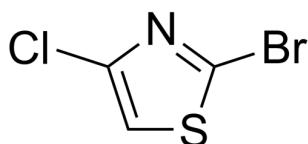


Certificate of Analysis

Compound Information

| | |
|----------------------------|--------------------------|
| Product Name: | 2-BROMO-4-CHLOROTHIAZOLE |
| Cat. No.: | 1106217 |
| CAS No.: | 139670-03-4 |
| Molecular Formula: | C ₃ HBrClNS |
| Molecular Weight: | 198.47 |
| Chemical Structure: | |



Batch Information

| | |
|---------------------|------------------------------|
| Batch No.: | Lg0105194677 |
| Storage: | 2-8°C, stored under nitrogen |
| Test Date: | 2023-01-05 |
| Retest Date: | 2026-01-04 |
| Origin: | Shanghai, China |

QC Summary

| | |
|------------------------------------|-------------------------------------------------------------------------|
| Appearance: | Light brown to yellow (Solid) |
| ¹H NMR Spectrum: | Consistent with structure |
| LCMS: | 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.

Tel: 400-821-0725

E-mail: product@leyan.com

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