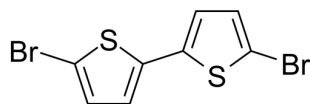


Certificate of Analysis

Compound Information

| | |
|----------------------------|--|
| Product Name: | 5,5'-Dibromo-2,2'-bithiophene |
| Cat. No.: | 1033426 |
| CAS No.: | 4805-22-5 |
| Molecular Formula: | C ₈ H ₄ Br ₂ S ₂ |
| Molecular Weight: | 324.05 |
| Chemical Structure: | |



Batch Information

| | |
|---------------------|--|
| Batch No.: | Lf0810159496 |
| Storage: | 2-8°C, protect from light, stored under nitrogen |
| Mfg. Date: | 2022-08-10 |
| Retest Date: | 2025-08-09 |
| Origin: | Shanghai, China |

QC Summary

| | |
|------------------------------------|---|
| Appearance: | White to off-white (Solid) |
| ¹H NMR Spectrum: | Consistent with structure |
| Purity (NMR): | ≥98.0% |
| Water(KF): | 0.10% |
| 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