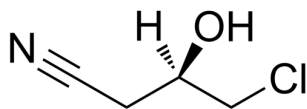


Certificate of Analysis

Compound Information

| | |
|----------------------------|-------------------------------------|
| Product Name: | (R)-4-Chloro-3-hydroxybutanenitrile |
| Cat. No.: | 1044593 |
| CAS No.: | 84367-31-7 |
| Molecular Formula: | C ₄ H ₆ ClNO |
| Molecular Weight: | 119.55 |
| Chemical Structure: | |



Batch Information

| | |
|---------------------|---------------------|
| Batch No.: | Lc0227016 |
| Storage: | Storage temp. 2-8°C |
| Test Date: | 2019-02-27 |
| Retest Date: | 2022-02-26 |
| Origin: | Shanghai, China |

QC Summary

| | |
|------------------------------------|-------------------------------------------------------------------------|
| Appearance: | Colorless to light yellow (Liquid) |
| ¹H NMR Spectrum: | Consistent with structure |
| Optical Rotation: | 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