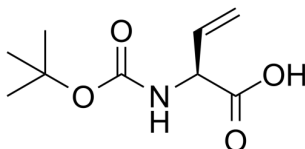


Certificate of Analysis

Compound Information

| | |
|----------------------------|--|
| Product Name: | (S)-2-((tert-Butoxycarbonyl)amino)but-3-enoic acid |
| Cat. No.: | 1538929 |
| CAS No.: | 91028-39-6 |
| Molecular Formula: | C ₉ H ₁₅ NO ₄ |
| Molecular Weight: | 201.22 |
| Chemical Structure: | |



Batch Information

| | |
|---------------------|---------------------|
| Batch No.: | Lf0808158896 |
| Storage: | Storage temp. 2-8°C |
| Mfg. Date: | 2022-08-08 |
| Retest Date: | 2025-08-07 |
| Origin: | Shanghai, China |

QC Summary

| | |
|------------------------------------|---|
| Appearance: | White to off-white (Solid) |
| ¹H NMR Spectrum: | Consistent with structure |
| Purity (NMR): | ≥97.0% |
| OR(C=1.00g/100ml MEOH): | 2.5° |
| 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