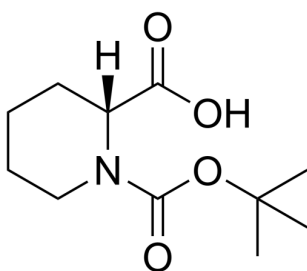


## Certificate of Analysis

### Compound Information

|                     |   |
|---------------------|---|
| Product Name:       | Boc-D-HoPro-OH                                  |
| Cat. No.:           | 1028356   |
| CAS No.:            | 28697-17-8                                      |
| Molecular Formula:  | C <sub>11</sub> H <sub>19</sub> NO <sub>4</sub> |
| Molecular Weight:   | 229.28  |
| Chemical Structure: |   |



### Batch Information

|              |                     |
|--------------|---------------------|
| Batch No.:   | Lf0620141444        |
| Storage:     | Storage temp. 2-8°C |
| Test Date:   | 2022-06-21          |
| Retest Date: | 2027-06-20          |
| Origin:      | Shanghai, China     |

### QC Summary

|                                       |   |
|---------------------------------------|---|
| Appearance:                           | White to off-white (Solid)  |
| <sup>1</sup> H NMR Spectrum:          | Consistent with structure   |
| Purity (NMR):                         | ≥97.0%  |
| OR(C=0.99g/100ml CHCL <sub>3</sub> ): | 51.6°   |
| Water(KF):                            | 0.69%   |
| 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](mailto:product@leyan.com)

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