

## **Certificate of Analysis**

## **Boc-D-HoPro-OH**

 Cat. No.:
 HY-W013473

 CAS No.:
 28697-17-8

 Batch No.:
 158358

Chemical Name: 1,2-Piperidinedicarboxylic acid, 1-(1,1-dimethylethyl) ester, (2R)-

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{11}H_{19}NO_4$ Molecular Weight: 229.28

Storage: Powder -20°C 3 years

4°C 2 years

In solvent -80°C 6 months

-20°C 1 month

**Chemical Structure:** 

## **ANALYTICAL DATA**

Appearance: White to off-white (Solid)

<sup>1</sup> H NMR Spectrum: Consistent with structure

Purity (NMR): ≥97.0%

OR(C=0.99g/100ml CHCL3): 51.6°

Water(KF): 0.69%

**Conclusion:** The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. For research use only.

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