## **Certificate of Analysis**

## (R)-2-((tert-Butoxycarbonyl)amino)pentanoic acid

Cat. No.: HY-W014100
CAS No.: 57521-85-4
Batch No.: 451641

Chemical Name: D-Norvaline, N-[(1,1-dimethylethoxy)carbonyl]-

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{10}H_{19}NO_4$ Molecular Weight: 217.26

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: Colorless to off-white (Solid)

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

Purity (NMR): ≥97.0%

**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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