

## **Certificate of Analysis**

## tert-Butoxycarbonyl-D-valine

 Cat. No.:
 HY-41060

 CAS No.:
 22838-58-0

 Batch No.:
 117036

Chemical Name: D-Valine, 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:** 

$$\rightarrow$$

## **ANALYTICAL DATA**

Appearance: White to off-white (Solid)

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

Purity (NMR): ≥97.0%
Water(KF): 0.06%

**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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