## **Certificate of Analysis**

## **Boc-His-OMe**

Cat. No.: HY-23122
CAS No.: 2488-14-4
Batch No.: 257442

Chemical Name: L-Histidine, N-[(1,1-dimethylethoxy)carbonyl]-, methyl ester

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{12}H_{19}N_3O_4$  Molecular Weight: 269.30

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):  $\geq$ 97.0% OR[ $\alpha$ ](C=0.11 g/100ml MEOH):  $-16.6^{\circ}$ 

**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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