## **Certificate of Analysis**

## Z-Gln-OH

 Cat. No.:
 HY-W009339

 CAS No.:
 2650-64-8

 Batch No.:
 270025

Chemical Name: L-Glutamine, N2-[(phenylmethoxy)carbonyl]-

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{13}H_{16}N_2O_5$  Molecular Weight: 280.28

Storage: Powder -20°C 3 years

4°C 2 years

In solvent -80°C 6 months

-20°C 1 month

**Chemical Structure:** 

$$\begin{array}{c|c} & & & \\ & & & \\$$

## **ANALYTICAL DATA**

Appearance: White 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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