Certificate of Analysis

H-Lys(Z)-OH

Cat. No.: HY-W007750 CAS No .: 1155-64-2 Batch No.: 148751

Chemical Name: L-Lysine, N6-[(phenylmethoxy)carbonyl]-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{14}H_{20}N_2O_4$ 280.32 Molecular Weight:

Storage: Powder -20°C 3 years

> 2 years $4^{\circ}C$

In solvent -80°C 6 months

-20°C 1 month

Chemical Structure:

$$\bigcirc \bigvee_{O} \bigvee_{NH_2}^{H} OH$$

ANALYTICAL DATA

Appearance: White to off-white (Solid) ¹H NMR Spectrum: Consistent with structure

Enantiomeric Excess: 100% Purity (HPLC): 98.66% Water(KF): 0.68%

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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