Certificate of Analysis

(S)-2-Amino-6-((tert-butoxycarbonyl)amino)hexanoic acid

 Cat. No.:
 HY-W008079

 CAS No.:
 2418-95-3

 Batch No.:
 90423

Chemical Name: L-Lysine, N6-[(1,1-dimethylethoxy)carbonyl]-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{11}H_{22}N_2O_4$ Molecular Weight: 246.30

Storage: Powder -20°C 3 years

4°C 2 years

In solvent -80°C 6 months

-20°C 1 month

Chemical Structure:

$$\text{PO}_{\text{O}} \overset{\text{H}}{\underset{\text{NH}_2}{\bigvee}} \text{OH}$$

ANALYTICAL DATA

Appearance: White to off-white (Solid)

¹ H NMR Spectrum: Consistent with structure

Purity (NMR): ≥98.0%

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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