Certificate of Analysis

(S)-2-Amino-5-(tert-butoxy)-5-oxopentanoic acid

Cat. No.: HY-W014742 CAS No.: 2419-56-9 Batch No.: 217696

Chemical Name: L-Glutamic acid, 5-(1,1-dimethylethyl) ester

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_9H_{17}NO_4$ Molecular Weight: 203.24

Storage: Powder -20°C 3 years

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

In solvent -80°C 6 months

> 1 month -20°C

Chemical Structure:

ANALYTICAL DATA

Appearance: White to off-white (Solid) ¹H 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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