Certificate of Analysis

(R)-4-Amino-2-((tert-butoxycarbonyl)amino)-4-oxobutanoic acid

Cat. No.: HY-W012220 CAS No.: 75647-01-7 Batch No.: 288885

Chemical Name: D-Asparagine, N2-[(1,1-dimethylethoxy)carbonyl]-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_9H_{16}N_2O_5$ Molecular Weight: 232.23

Storage: Powder -20°C 3 years

> 2 years 4°C

In solvent -80°C 6 months

> -20°C 1 month

Chemical Structure:

ANALYTICAL DATA

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

Purity (NMR): ≥98.0% $OR[\alpha](C=0.860\% DMF)$: 7.0°

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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