Certificate of Analysis

(tert-Butoxycarbonyl)-D-leucine

Cat. No.: HY-I0917
CAS No.: 16937-99-8
Batch No.: 103516

Chemical Name: D-Leucine, N-[(1,1-dimethylethoxy)carbonyl]-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{11}H_{21}NO_4$ Molecular Weight: 231.29

Storage: Powder -20°C 3 years

4°C 2 years

In solvent -80°C 6 months

-20°C 1 month

Chemical Structure:

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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