Certificate of Analysis

tert-Butyl D-leucinate hydrochloride

Cat. No.: HY-W013686 CAS No.: 13081-32-8 Batch No.: 136613

Chemical Name: D-Leucine, 1,1-dimethylethyl ester, hydrochloride (1:1)

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{10}H_{22}CINO_2$ Molecular Weight: 223.74

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): ≥97.0%

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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