

Certificate of Analysis

Boc-C14-COOH

Cat. No.: HY-W034599 CAS No.: 843666-27-3 Batch No.: 230999

Chemical Name: Hexadecanedioic acid, 1-(1,1-dimethylethyl) ester

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{20}H_{38}O_4$ Molecular Weight: 342.51

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% Water(KF): 0.13%

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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