Certificate of Analysis

Hydroxy-PEG6-Boc

Cat. No.: HY-141203

CAS No.: 361189-64-2

Batch No.: 240103

Chemical Name: 4,7,10,13,16,19-Hexaoxaheneicosanoic acid, 21-hydroxy-, 1,1-dimethylethyl ester

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{19}H_{38}O_{9}$ Molecular Weight: 410.50

Storage: Pure form -20°C 3 years

4°C 2 years

In solvent -80°C 6 months

-20°C 1 month

Chemical Structure:

HO~0~0~0~0~0~0~0~0

ANALYTICAL DATA

Appearance: Colorless to light yellow (Liquid)

¹H NMR Spectrum: Consistent with structure

LCMS: 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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