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Certificate of Analysis

Boc-NH-PEG10-NHS ester

Cat. No.: HY-141120 **Batch No.:** 294338

Chemical Name: 2,5-Dioxopyrrolidin-1-yl 2,2-dimethyl-4-oxo-3,8,11,14,17,20,23,26,29,32,35-undecaoxa-5-azaoct

atriacontan-38-oate

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{32}H_{58}N_2O_{16}$ Molecular Weight: 726.81

Storage: Pure form -20°C 3 years

In solvent -80°C 6 months

-20°C 1 month

Chemical Structure:

ANALYTICAL DATA

Appearance: Colorless to light yellow (Viscous Liquid)

¹H NMR Spectrum: Consistent with structure

MS: 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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