

Certificate of Analysis

Mal-PEG10-NHS ester

 Cat. No.:
 HY-138726

 Batch No.:
 123743

Chemical Name: 2,5-Dioxopyrrolidin-1-yl 1-(2,5-dioxo-2,5-dihydro-1H-pyrrol-1-yl)-3,6,9,12,15,18,21,24,27,30-deca

oxatritriacontan-33-oate

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{31}H_{50}N_2O_{16}$ Molecular Weight: 706.73

Storage: 4°C, sealed storage, away from moisture

* In solvent: -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)

Chemical Structure:

ANALYTICAL DATA

Appearance:

Light yellow to brown (Oil)

H NMR Spectrum:

Consistent with structure

Consistent with structure

Purity (HPLC): 98.01%

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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