Certificate of Analysis

DSPE-PEG6-Mal

Cat. No.: HY-138395 **Batch No.:** 212678

Chemical Name: (2R)-3-((((1-(2,5-Dioxo-2,5-dihydro-1H-pyrrol-1-yl)-21-oxo-3,6,9,12,15,18-hexaoxa-22-azatetraco

san-24-yl)oxy)(hydroxy)phosphoryl)oxy)propane-1,2-diyl distearate

PHYSICAL AND CHEMICAL PROPERTIES

 $\label{eq:control_of_control} \mbox{Molecular Formula:} \qquad \qquad \mbox{C_{60}H$}_{111}\mbox{$N_{2}O}_{17}\mbox{P}$

Molecular Weight: 1163.50

Storage: -20°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: White to off-white (Solid)

¹ H NMR Spectrum: Consistent with structure

Purity (NMR): ≥95.0%

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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