Certificate of Analysis

Bis-PEG25-NHS ester

Cat. No.: HY-130828

CAS No.: 2221948-96-3

Batch No.: 420603

Chemical Name: 4,7,10,13,16,19,22,25,28,31,34,37,40,43,46,49,52,55,58,61,64,67,70,73,76-Pentacosaoxanonahep

tacontanedioic acid, 1,79-bis(2,5-dioxo-1-pyrrolidinyl) ester

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{62}H_{112}N_2O_{33}$ Molecular Weight: 1413.55

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)

¹H NMR Spectrum: Consistent with structure

LCMS: 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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