Certificate of Analysis

Bis-PEG3-NHS ester

Cat. No.: HY-130087

CAS No.: 1314378-16-9

Batch No.: 317639

Chemical Name: Propanoic acid, 3,3'-[oxybis(2,1-ethanediyloxy)]bis-, 1,1'-bis(2,5-dioxo-1-pyrrolidinyl) ester

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{18}H_{24}N_2O_{11}$ Molecular Weight: 444.39

Storage: Powder -20°C 3 years

In solvent -80°C 6 months

-20°C 1 month

Chemical Structure:

ANALYTICAL DATA

Appearance: White to off-white (Solid)

¹ H NMR Spectrum: 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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