Certificate of Analysis

N3-PEG4-C2-NHS ester

 Cat. No.:
 HY-130109

 CAS No.:
 944251-24-5

 Batch No.:
 241753

Chemical Name: 4,7,10,13-Tetraoxapentadecanoic acid, 15-azido-, 2,5-dioxo-1-pyrrolidinyl ester

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{15}H_{24}N_4O_8$ Molecular Weight: 388.37

Storage: Pure form -20°C 3 years

In solvent -80°C 6 months

-20°C 1 month

Chemical Structure:

 $\mathcal{N}_{2} \mathcal{N}_{2}^{*} \mathcal{N}_{3} \mathcal{N}_{4}^{*} \mathcal{N}_{4} \mathcal{N}_{4}^{*} \mathcal{$

ANALYTICAL DATA

Appearance: Colorless to light yellow (Liquid)

¹H NMR Spectrum: Consistent with structure LCMS: Consistent with structure

Purity (LCMS): 98.94%

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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