## **Certificate of Analysis**

## Azido-PEG10-NHS ester

Cat. No.: HY-140759
CAS No.: 2801772-86-9
Batch No.: 332446

Chemical Name: 2,5-Dioxopyrrolidin-1-yl 1-azido-3,6,9,12,15,18,21,24,27,30-decaoxatritriacontan-33-oate

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{27}H_{48}N_4O_{14}$ Molecular Weight: 652.69

Storage: Pure form -20°C 3 years

In solvent -80°C 6 months

-20°C 1 month

**Chemical Structure:** 

## **ANALYTICAL DATA**

Appearance: Colorless to light yellow (Liquid)

<sup>1</sup>H NMR Spectrum: Consistent with structure

MS: 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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