## **Certificate of Analysis**

## Ald-Ph-amido-PEG4-C2-acid

Cat. No.: HY-130097

CAS No.: 1309460-27-2

Batch No.: 178577

Chemical Name: Propanoic acid, 3-[[13-(4-formylphenyl)-13-oxo-3,6,9-trioxa-12-azatridec-1-yl]oxy]-

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{19}H_{27}NO_8$ Molecular Weight: 397.42

**Storage:** 4°C, stored under nitrogen

\* In solvent: -80°C, 6 months; -20°C, 1 month (stored under nitrogen)

**Chemical Structure:** 

## **ANALYTICAL DATA**

Appearance: Off-white to light yellow (Viscous Liquid)

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

LCMS: Consistent with structure

Purity (LCMS): 99.09%

**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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