## **Certificate of Analysis**

## Azido-PEG3-aldehyde

Cat. No.: HY-138518

CAS No.: 1807530-10-4

Batch No.: 322286

Chemical Name: Propanal, 3-[2-[2-(2-azidoethoxy)ethoxy]ethoxy]-

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_9H_{17}N_3O_4$ Molecular Weight: 231.25

Storage: Pure form -20°C 3 years

In solvent -80°C 6 months

-20°C 1 month

**Chemical Structure:** 

 $^{-N}$  $\stackrel{\circ}{\sim}$  $^{N}$  $\stackrel{\circ}{\sim}$  $^{O}$  $^{O$ 

## **ANALYTICAL DATA**

Appearance: Colorless to off-white (Liquid)

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

MS: Consistent with structure

Purity (NMR): ≥95.0%

**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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