## **Certificate of Analysis**

## Bis-NH2-C1-PEG3

Cat. No.: HY-128844 CAS No.: 4246-51-9 Batch No.: 159642

**Chemical Name:** 1-Propanamine, 3,3'-[oxybis(2,1-ethanediyloxy)]bis-

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{10}H_{24}N_2O_3$ Molecular Weight: 220.31

Storage: 4°C, protect from light

\* In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)

**Chemical Structure:** 

## **ANALYTICAL DATA**

Colorless to light yellow (Liquid) Appearance:

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

Purity (NMR): ≥98.0% 0.11% Water(KF):

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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