## **Certificate of Analysis**

## N3-PEG3-CH2CH2-Boc

Cat. No.: HY-42489

CAS No.: 252881-73-5

Batch No.: 428620

Chemical Name: Propanoic acid, 3-[2-[2-(2-azidoethoxy)ethoxy]-, 1,1-dimethylethyl ester

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{13}H_{25}N_3O_5$  Molecular Weight: 303.35

Storage: Pure form -20°C 3 years

4°C 2 years

In solvent -80°C 6 months

-20°C 1 month

**Chemical Structure:** 

$$\mathbf{N}^{\leq N^+} \mathbf{N} \longrightarrow \mathbf{O} \longrightarrow \mathbf$$

## **ANALYTICAL DATA**

Appearance: Colorless to light yellow (Liquid)

<sup>1</sup> H NMR Spectrum: 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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