## **Certificate of Analysis**

## **Boc-NH-PEG1-CH2COOH**

Cat. No.: HY-140476

CAS No.: 142929-49-5

Batch No.: 289230

Chemical Name: Acetic acid, 2-[2-[[(1,1-dimethylethoxy)carbonyl]amino]ethoxy]-

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_9H_{17}NO_5$ Molecular Weight: 219.23

Storage: Pure form -20°C 3 years

4°C 2 years

In solvent -80°C 6 months

-20°C 1 month

**Chemical Structure:** 

## **ANALYTICAL DATA**

Appearance: Colorless to light yellow (<44.2°C Solid,>67.5°C 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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