

## **Certificate of Analysis**

## Bromoacetamido-PEG2-C2-NHS ester

Cat. No.: HY-141386

CAS No.: 1353011-78-5

Batch No.: 265729

Chemical Name: Propanoic acid, 3-[2-[2-[(2-bromoacetyl)amino]ethoxy]-, 2,5-dioxo-1-pyrrolidinyl ester

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{13}H_{19}BrN_2O_7$ 

Molecular Weight: 395.20

Storage: Pure form -20°C 3 years

In solvent -80°C 6 months

-20°C 1 month

**Chemical Structure:** 

$$\mathsf{Br} \overset{\mathsf{O}}{\underset{\mathsf{H}}{\bigvee}} \mathsf{O} \overset{\mathsf{O}}{\underset{\mathsf{O}}{\bigvee}} \mathsf{O} \overset{\mathsf{O}}{\underset{\mathsf{O}}} \mathsf{O} \overset{\mathsf{O}}{\overset{\mathsf{O}}} \mathsf{O} \overset{\mathsf{O}}{\overset{\mathsf{O}}} \mathsf{O} \overset{\mathsf{O}}{\overset{\mathsf{O}}} \mathsf{O} \overset{\mathsf{O}}$$

## **ANALYTICAL DATA**

Appearance: Colorless to light yellow (Liquid)

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