Certificate of Analysis

Bromoacetamido-PEG2-C2-acid

Cat. No.: HY-141380 CAS No.: 1415800-44-0

Batch No.: 150853

Chemical Name: Propanoic acid, 3-[2-[2-[(2-bromoacetyl)amino]ethoxy]ethoxy]-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_9H_{16}BrNO_5$ Molecular Weight: 298.13

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: White to yellow (Solid-Liquid Mixture)

¹H NMR Spectrum: Consistent with structure

LCMS: Consistent with structure

Purity (LCMS): 99.11%

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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