Certificate of Analysis

N3-PEG2-C2-NHS ester

Cat. No.: HY-126526

CAS No.: 1312309-64-0

Batch No.: 102696

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

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{11}H_{16}N_4O_6$ Molecular Weight: 300.27

Storage: Pure form -20°C 3 years

In solvent -80°C 6 months

-20°C 1 month

Chemical Structure:

ANALYTICAL DATA

Appearance: Colorless to light yellow (Liquid)

¹H 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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