Certificate of Analysis

NH2-PEG4-CH2CH2COOH

Cat. No.: HY-W021787
CAS No.: 663921-15-1
Batch No.: 386613

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

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{11}H_{23}NO_6$ Molecular Weight: 265.30

Storage: -20°C, sealed storage, away from moisture and light

* In solvent: -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and

light)

Chemical Structure:

ANALYTICAL DATA

Appearance: Off-white to light yellow (Solid-Liquid Mixture)

¹H NMR Spectrum: Consistent with structure

MS: Consistent with structure

Purity (HPLC): 99.88%

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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