Certificate of Analysis

Hydroxy-PEG4-acid

Cat. No.: HY-117104

CAS No.: 937188-59-5

Batch No.: 345617

Chemical Name: 4,7,10,13-Tetraoxapentadecanoic acid, 15-hydroxy-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{11}H_{22}O_7$ Molecular Weight: 266.29

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 (Liquid)

¹ H NMR Spectrum: Consistent with structure

Purity (NMR): ≥97.0%

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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