Certificate of Analysis

m-PEG12-acid

Cat. No.: HY-135820
CAS No.: 2135793-73-4
Batch No.: 160351

Chemical Name: 4,7,10,13,16,19,22,25,28,31,34,37-Dodecaoxaoctatriacontanoic acid

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{26}H_{52}O_{14}$ Molecular Weight: 588.68

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 off-white (Solid-Liquid Mixture)

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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