Certificate of Analysis

HO-PEG18-OH

Cat. No.: HY-144081
CAS No.: 4445-03-8
Batch No.: 243252

Chemical Name: 3,6,9,12,15,18,21,24,27,30,33,36,39,42,45,48,51-Heptadecaoxatripentacontane-1,53-diol

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{36}H_{74}O_{19}$ Molecular Weight: 810.96

Storage: -20°C, protect from light

* In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)

Chemical Structure:

ANALYTICAL DATA

Appearance: White to off-white (Oil)

¹ H 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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