## **Certificate of Analysis**

## m-PEG4-CH2COOH

Cat. No.: HY-130478 CAS No.: 16024-66-1 Batch No.: 152802

**Chemical Name:** 3,6,9,12,15-Pentaoxahexadecanoic acid

## PHYSICAL AND CHEMICAL PROPERTIES

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

Storage: Pure form -20°C 3 years

> 2 years 4°C

In solvent 6 months -80°C

> 1 month -20°C

**Chemical Structure:** 

~0~0~0~0~0~0~0~0

## **ANALYTICAL DATA**

Colorless to light yellow (Liquid) Appearance:

<sup>1</sup>H NMR Spectrum: 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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