# **Certificate of Analysis**

# Azide-PEG2-Ms

Cat. No.: HY-140381 CAS No.: 176520-23-3 Batch No.: 257212

**Chemical Name:** Ethanol, 2-(2-azidoethoxy)-, 1-methanesulfonate

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_5H_{11}N_3O_4S$ Molecular Weight: 209.22

Storage: Pure form -20°C 3 years

> 2 years 4°C

In solvent -80°C 6 months

1 month -20°C

**Chemical Structure:** 

## ANALYTICAL DATA

Appearance: Colorless to light yellow (Liquid)

<sup>1</sup>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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