Certificate of Analysis

m-PEG-thiol (MW 5000)

Cat. No.: HY-140707 **Batch No.:** 405844

Chemical Name: m-PEG-thiol (MW 5000)

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Weight: 5000(Average)

Storage: Powder -20°C 3 years

In solvent -80°C 6 months

-20°C 1 month

Chemical Structure:

 $O(\bigcirc O)$ SH

MW 5000

ANALYTICAL DATA

Appearance: White to off-white (Solid)

¹ H NMR Spectrum: Consistent with structure

Purity (HPLC): 99.90%

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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