

## m-PEG-thiol (MW 1000)

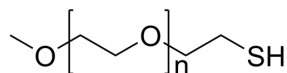
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Cat. No.: HY-W591476  
CAS No.: 134874-49-0  
Batch No.: 331282  
Chemical Name: Poly(oxy-1,2-ethanediyl),  $\alpha$ -(2-mercaptoethyl)- $\omega$ -methoxy-

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $(C_2H_4O)_n C_3H_8OS$   
Molecular Weight: 1000(Average)  
Storage: 4°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 (Solid)  
<sup>1</sup>H NMR Spectrum: Consistent with structure  
Purity (HPLC): 98.66%  
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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