

Certificate of Analysis

Thiol-PEG4-Boc

Cat. No.:	HY-141328
CAS No.:	564476-33-1
Batch No.:	178523
Chemical Name:	4,7,10,13-Tetraoxapentadecanoic acid, 15-mercapto-, 1,1-dimethylethyl ester

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	C ₁₅ H ₃₀ O ₆ S
Molecular Weight:	338.46
Storage:	4°C, stored under nitrogen
	* In solvent : -80°C, 6 months; -20°C, 1 month (stored under nitrogen)

Chemical Structure:

 $\mathsf{H}\mathsf{S}^{\mathsf{O}} \mathsf{O}^{\mathsf{O}} \mathsf{O}^{\mathsf{O}}$

ANALYTICAL DATA

Appearance:	Colorless to light yellow (Liquid)
¹ 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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