Certificate of Analysis

Thiol-PEG8-acid

Cat. No.: HY-130542 CAS No.: 866889-02-3 Batch No.: 178647

Chemical Name: 4,7,10,13,16,19,22,25-Octaoxaheptacosanoic acid, 27-mercapto-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{19}H_{38}O_{10}S$ Molecular Weight: 458.56

Storage: 4°C, stored under nitrogen

* In solvent : -80°C, 6 months; -20°C, 1 month (stored under nitrogen)

Chemical Structure:

ANALYTICAL DATA

Colorless to light yellow (Liquid) Appearance:

¹H 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.

Tel: 609-228-6898 Fax: 609-228-5909 E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA

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