Certificate of Analysis

Azido-PEG6-alcohol

Cat. No.: HY-130537
CAS No.: 86770-69-6
Batch No.: 136720

Chemical Name: 3,6,9,12,15-Pentaoxaheptadecan-1-ol, 17-azido-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{12}H_{25}N_3O_6$ Molecular Weight: 307.34

Storage: Pure form -20°C 3 years

4°C 2 years

In solvent -80°C 6 months

-20°C 1 month

Chemical Structure:

 $\mathsf{HO}^{\mathsf{O}} \mathsf{O}^{\mathsf{O}} \mathsf{O}^{\mathsf{O}} \mathsf{O}^{\mathsf{O}} \mathsf{O}^{\mathsf{O}} \mathsf{O}^{\mathsf{O}} \mathsf{N}^{\mathsf{S}} \mathsf{N}^{\mathsf{b}} \mathsf{N}^{\mathsf{b}}$

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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