Certificate of Analysis

Azido-PEG8-amine

Cat. No.: HY-140216 CAS No.: 857891-82-8 Batch No.: 441226

Chemical Name: 3,6,9,12,15,18,21,24-Octaoxahexacosan-1-amine, 26-azido-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{18}H_{38}N_4O_8$ Molecular Weight: 438.52

Storage: 4°C, protect from light

* In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)

Chemical Structure:

 ^{17}N $^{\circ}O$ $^{\circ}O$ $^{\circ}O$ $^{\circ}O$ $^{\circ}O$ $^{\circ}O$ $^{\circ}O$ $^{\circ}O$ $^{\circ}O$

ANALYTICAL DATA

Appearance: Colorless to light yellow (Liquid)

¹H NMR Spectrum: Consistent with structure MS: Consistent with structure

Purity (NMR): ≥97.0%

The product has been tested and complies with the given specifications. Conclusion:

Caution: Product has not been fully validated for medical applications. For research use only.

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