

Certificate of Analysis

Azido-PEG1

Cat. No.: HY-138461 CAS No.: 1517-05-1 Batch No.: 255822

Chemical Name: Ethanol, 2-azido-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_2H_5N_3O$ Molecular Weight: 87.08

Storage: 4°C, sealed storage, away from moisture

* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)

Chemical Structure:

 $^{-}N_{\stackrel{>}{\sim}}N_{\stackrel{>}{\sim}}N$

ANALYTICAL DATA

Colorless to light yellow (Liquid) Appearance:

¹H NMR Spectrum: Consistent with structure

Purity (GC): 99.95%

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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