Certificate of Analysis

Alkyne-PEG4-maleimide

Cat. No.: HY-133399

CAS No.: 1609651-90-2

Batch No.: 415095

Chemical Name: 1H-Pyrrole-1-propanamide, 2,5-dihydro-2,5-dioxo-N-3,6,9,12-tetraoxapentadec-14-yn-1-yl-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{18}H_{26}N_2O_7$ Molecular Weight: 382.41

Storage: Pure form -20°C 3 years

4°C 2 years

In solvent -80°C 6 months

-20°C 1 month

Chemical Structure:

ANALYTICAL DATA

Appearance: Colorless to light yellow (Viscous Liquid)

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.

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