

Certificate of Analysis

Biotin-PEG4-amino-t-Bu-DADPS-C3-alykne

Cat. No.: HY-140928 CAS No.: 2241685-22-1 Batch No.: 315689

Chemical Name: N-(2-Methyl-2-(((pent-4-yn-1-yloxy)diphenylsilyl)oxy)propyl)-1-(5-((3aS,4S,6aR)-2-oxohexahydro

-1H-thieno[3,4-d]imidazol-4-yl)pentanamido)-3,6,9,12-tetraoxapentadecan-15-amide

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $\mathsf{C}_{42}\mathsf{H}_{62}\mathsf{N}_{4}\mathsf{O}_{9}\mathsf{SSi}$

Molecular Weight: 827.11

-20°C, protect from light, stored under nitrogen Storage:

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

Chemical Structure:

ANALYTICAL DATA

Colorless to off-white (Oil) Appearance: ¹H NMR Spectrum: Consistent with structure

Purity (NMR): ≥95.0%

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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