Certificate of Analysis

Biotin-PEG4-amine

Cat. No.: HY-140895
CAS No.: 663171-32-2
Batch No.: 84546

Chemical Name: 1H-Thieno[3,4-d]imidazole-4-pentanamide, N-(14-amino-3,6,9,12-tetraoxatetradec-1-yl)hexahy

dro-2-oxo-, (3aS,4S,6aR)-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{20}H_{38}N_4O_6S$ Molecular Weight: 462.60

Storage: Powder -20°C 3 years

4°C 2 years

In solvent -80°C 2 years

-20°C 1 year

Chemical Structure:

NHH NH2

ANALYTICAL DATA

Appearance: White to light yellow (Solid)

¹ H NMR Spectrum: Consistent with structure

Purity (NMR): ≥98.0%

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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