Certificate of Analysis

Biotin-PEG4-SH

Cat. No.: HY-134704 CAS No .: 2762393-22-4 Batch No.: 274467

Chemical Name: 1H-Thieno[3,4-d]imidazole-4-pentanamide, hexahydro-N-(14-mercapto-3,6,9,12-tetraoxatetrad

ec-1-yl)-2-oxo-, (3aS,4S,6aR)-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{20}H_{37}N_3O_6S_2$

Molecular Weight: 479.65

-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

Off-white to light yellow (Oil) Appearance: ¹H NMR Spectrum: Consistent with structure Consistent with structure MS:

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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