## **Certificate of Analysis**

## Biotin-PEG3-azide

Cat. No.: HY-130143
CAS No.: 875770-34-6
Batch No.: 158349

Chemical Name: 1H-Thieno[3,4-d]imidazole-4-pentanamide, N-[2-[2-[2-(2-azidoethoxy)ethoxy]ethoxy]ethyl]hexa

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

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{18}H_{32}N_6O_5S$ Molecular Weight: 444.55

Storage: Powder -20°C 3 years

4°C 2 years

In solvent -80°C 6 months

-20°C 1 month

**Chemical Structure:** 

0 NHH

## **ANALYTICAL DATA**

Appearance: White to off-white (Solid)

<sup>1</sup> H NMR Spectrum: Consistent with structure

Purity (NMR): ≥97.0%
OR(C=1.29g/100ml ETOH): 29.2°

**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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