Certificate of Analysis

Azide-PEG3-Desthiobiotin

Cat. No.: HY-W096120
CAS No.: 1426828-06-9
Batch No.: 306059

Chemical Name: 4-Imidazolidinehexanamide, N-[2-[2-[2-(2-azidoethoxy)ethoxy]ethoxy]ethoxy]ethyl]-5-methyl-2-oxo-, (4

R,5S)-

PHYSICAL AND CHEMICAL PROPERTIES

 $\label{eq:control_state} \begin{tabular}{ll} Molecular Formula: & $C_{18}H_{34}N_6O_5$ \\ Molecular Weight: & 414.50 \\ \end{tabular}$

Storage: Pure form -20°C 3 years

4°C 2 years

In solvent -80°C 6 months

-20°C 1 month

Chemical Structure:

0 HN - 0 0 0 0 N; N* N

ANALYTICAL DATA

Appearance: Light yellow to brown (Liquid)

¹ H NMR Spectrum: Consistent with structure

Purity (NMR): ≥96.0%

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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