Certificate of Analysis

Biotin-nPEG-amine

Cat. No.: HY-146219
CAS No.: 604786-74-5
Batch No.: 152924

Chemical Name: Poly(oxy-1,2-ethanediyl), α -(2-aminoethyl)- ω -[2-[[5-[(3aS,4S,6aR)-hexahydro-2-oxo-1H-thieno[3

,4-d]imidazol-4-yl]-1-oxopentyl]amino]ethoxy]-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $(C_2H_4O)nC_{14}H_{26}N_4O_3S$ Storage: 4°C, protect from light

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

Chemical Structure:

$$\begin{array}{c} O \\ NH \\ HN \\ S \end{array} \begin{array}{c} O \\ NH \\ N \\ N \end{array} \begin{array}{c} O \\ O \\ NH_2 \end{array}$$

ANALYTICAL DATA

Appearance: White to off-white (Solid)

Purity: ≥99.0%

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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