

## **Screening Libraries**

# **Proteins**

## **Certificate of Analysis**

## Biotin-PEG2-C2-iodoacetamide

Cat. No.: HY-140941 CAS No .: 292843-75-5 Batch No.: 436702

**Chemical Name:** 1H-Thieno[3,4-d]imidazole-4-pentanamide, hexahydro-N-[2-[2-[2-[(2-iodoacetyl)amino]ethoxy]

ethoxy]ethyl]-2-oxo-, (3aS,4S,6aR)-

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $\mathsf{C}_{18}\mathsf{H}_{31}\mathsf{IN}_4\mathsf{O}_5\mathsf{S}$ 

**Molecular Weight:** 542.43

Storage: 4°C, protect from light

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

**Chemical Structure:** 

## ANALYTICAL DATA

White to light yellow (Solid) Appearance: <sup>1</sup>H NMR Spectrum: Consistent with structure Consistent with structure MS:

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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