

Certificate of Analysis

Biotin-PEG2-C2-iodoacetamide

| Cat. No.: | HY-140941 |
|----------------|--|
| CAS No.: | 292843-75-5 |
| Batch No.: | 150408 |
| 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: | C ₁₈ H ₃₁ IN ₄ O ₅ 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:

NHH HN HN S

ANALYTICAL DATA

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