# Certificate of Analysis



## Biotin-LC-LC-NHS

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|---|---|
| **Cat. No.:** | HY-W040254 |
| **CAS No.:** | 89889-52-1 |
| **Batch No.:** | 151946 |
| **Chemical Name:** | 5-((3AS,4S,6aR)-4-((11-amino-7-(((2,5-dioxopyrrolidin-1-yl)oxy)carbonyl)-6-oxoundecyl)carbamoyl)-2-oxohexahydro-1H-thieno[3,4-d]imidazol-4-yl)pentanoic acid |

### PHYSICAL AND CHEMICAL PROPERTIES

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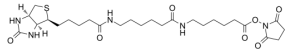
|---|---|
| **Molecular Formula:** | $C_{26}H_{41}N_5O_7S$ |
| **Molecular Weight:** | 567.70 |
| **Storage:** | -20°C, protect from light, stored under nitrogen<br>* In solvent : -80°C, 6 months; -20°C, 1 month (protect from light, stored under nitrogen) |

**Chemical Structure:**



### ANALYTICAL DATA

| | |
|---|---|
| **Appearance:** | Off-white to light yellow (Solid) |
| **$^1$H NMR Spectrum:** | Consistent with structure |
| **Purity (NMR):** | ≥95.0% |
| **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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