## **Certificate of Analysis**

## Iodoacetyl-LC-biotin

Cat. No.: HY-138065 CAS No.: 93285-75-7 Batch No.: 319103

**Chemical Name:** 1H-Thieno[3,4-d]imidazole-4-pentanamide, hexahydro-N-[6-[(2-iodoacetyl)amino]hexyl]-2-oxo-

, (3aS,4S,6aR)-

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $\mathsf{C}_{18}\mathsf{H}_{31}\mathsf{IN}_4\mathsf{O}_3\mathsf{S}$ 

**Molecular Weight:** 510.43

Storage: Powder -20°C 3 years

> 4°C 2 years

In solvent -80°C 6 months

> -20°C 1 month

**Chemical Structure:** 

## **ANALYTICAL DATA**

Appearance: White to off-white (Solid) <sup>1</sup>H NMR Spectrum: Consistent with structure LCMS: Consistent with structure

Purity (LCMS): 99.15%

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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