Certificate of Analysis

Desthiobiotin-Iodoacetamide

Cat. No.: HY-150230 Batch No.: 273989

Chemical Name: N-(2-(2-lodoacetamido)ethyl)-6-((4R,5S)-5-methyl-2-oxoimidazolidin-4-yl)hexanamide

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{14}H_{25}IN_4O_3$ 424.28 Molecular Weight:

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) ¹H NMR Spectrum: Consistent with structure MS: Consistent with structure

Purity (HPLC): 95.43%

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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