Certificate of Analysis

Sulfo-NHS-SS-Biotin (sodium)

Cat. No.: HY-111496 CAS No .: 325143-98-4 Batch No.: 282764

Chemical Name: Propanoic acid, 3-[[2-[[5-[(3aS,4S,6aR)-hexahydro-2-oxo-1H-thieno[3,4-d]imidazol-4-yl]-1-oxope

ntyl]amino]ethyl]dithio]-, 2,5-dioxo-3-sulfo-1-pyrrolidinyl ester, sodium salt (1:1)

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{19}H_{27}N_4NaO_9S_4$

Molecular Weight: 606.69

-20°C, sealed storage, away from moisture and light Storage:

* In solvent: -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and

Chemical Structure:

NH H HN S S ONA

ANALYTICAL DATA

Appearance: White to yellow (Solid) ¹H NMR Spectrum: Consistent with structure Consistent with structure

Purity (NMR): ≥97.0%

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.

Tel: 609-228-6898 Fax: 609-228-5909 E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA