Certificate of Analysis

Sulfo-NHS-Biotin (sodium)

Cat. No.: HY-136964 CAS No .: 194041-65-1 Batch No.: 281027

Chemical Name: 1H-Thieno[3,4-d]imidazole-4-pentanoic acid, hexahydro-2-oxo-, 2,5-dioxo-3-sulfo-1-pyrrolidinyl

ester, sodium salt (1:1), (3aS,4S,6aR)-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $\mathsf{C}_{14}\mathsf{H}_{18}\mathsf{N}_3\mathsf{NaO}_8\mathsf{S}_2$

Molecular Weight: 443.43

Storage: 4°C, sealed storage, away from moisture

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

Chemical Structure:

ANALYTICAL DATA

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

Purity (LCMS): 94.50%

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