Certificate of Analysis

Biotin-X-NTA

Cat. No.: HY-147169 CAS No .: 856661-92-2 Batch No.: 383091

Chemical Name: L-Lysine, N2,N2-bis(carboxymethyl)-N6-[6-[[5-[(3aS,4S,6aR)-hexahydro-2-oxo-1H-thieno[3,4-d]i

midazol-4-yl]-1-oxopentyl]amino]-1-oxohexyl]-, potassium salt (1:3)

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $\mathsf{C}_{26}\mathsf{H}_{40}\mathsf{K}_{3}\mathsf{N}_{5}\mathsf{O}_{9}\mathsf{S}$

Molecular Weight: 715.98

Storage: -20°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

Purity (HPLC): 98.11%

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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