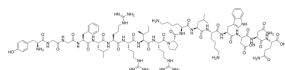


Certificate of Analysis

Product Name: Dynorphin A
Cat. No.: CS-0029455
CAS No.: 80448-90-4
Batch No.: 86217
Chemical Name: Dynorphin A (swine)

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C₉₉H₁₅₅N₃₁O₂₃
Molecular Weight: 2147.48
Storage: -80°C, 2 years; -20°C, 1 year (Sealed storage, away from moisture and light)
Chemical Structure:



ANALYTICAL DATA

Appearance: White to off-white (Solid)
LCMS: Consistent with structure
Purity (LCMS): 98.59%
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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