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Certificate of Analysis

ACTH (22-39)

Cat. No.: HY-P1603

CAS No.: 37548-29-1

Batch No.: 189983

Chemical Name: L-Phenylalanine, L-valyl-L-tyrosyl-L-prolyl-L-asparaginylglycyl-L-alanyl-L-α-glutamyl-L-α-aspart

 $yl-L-\alpha-glutamyl-L-seryl-L-alanyl-L-\alpha-glutamyl-L-alanyl-L-phenylalanyl-L-prolyl-L-leucyl-L-\alpha-glutamyl-L-phenylalanyl-L-prolyl-L-leucyl-L-alanyl-L-phenylala$

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PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{90}H_{125}N_{19}O_{32}$ Molecular Weight: 1985.06

Storage: Sealed storage, away from moisture

Powder -80° C 2 years -20° C 1 years

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

Chemical Structure:

ANALYTICAL DATA

Appearance: White to off-white (Solid)

LCMS: Consistent with structure

Purity (LCMS): 99.79%

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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