Certificate of Analysis

Cortistatin-14

Cat. No.: HY-P1932
CAS No.: 186901-48-4
Batch No.: 279030

Chemical Name: L-Lysinamide, L-prolyl-L-cysteinyl-L-lysyl-L-asparaginyl-L-phenylalanyl-L-trypto

phyl-L-lysyl-L-threonyl-L-phenylalanyl-L-seryl-L-seryl-L-cysteinyl-, cyclic (2→13)-disulfide

PHYSICAL AND CHEMICAL PROPERTIES

 $\label{eq:control_state} \textbf{Molecular Formula:} \qquad \qquad \textbf{C}_{81} \textbf{H}_{114} \textbf{N}_{20} \textbf{O}_{18} \textbf{S}_{2}$

Molecular Weight: 1720.03

Storage: Sealed storage, away from moisture

Powder -80°C 2 years

-20°C 1 year

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

Chemical Structure:

H₂N NH₂ NH₂ NH₂ NH₂ NH₂ NH₂ NH₂ NH₂ NH₃ NH₄ NH₄

ANALYTICAL DATA

Appearance: White to off-white (Solid)

LCMS: Consistent with structure

Purity (LCMS): 99.92%

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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