Certificate of Analysis

BIM-23190 (hydrochloride)

Cat. No.: HY-P3124A **Batch No.:** 146969

Chemical Name: L-Threoninamide, N-[2-[4-(2-hydroxyethyl)-1-piperazinyl]acetyl]-D-phenylalanyl-L-cysteinyl-L-ty

rosyl-D-tryptophyl-L-lysyl-(2S)-2-aminobutanoyl-L-cysteinyl-, cyclic (2→7)-disulfide (hydrochlori

de)

PHYSICAL AND CHEMICAL PROPERTIES

 $\label{eq:control_solution} \textbf{Molecular Formula:} \qquad \qquad \textbf{C}_{57}\textbf{H}_{80}\textbf{ClN}_{13}\textbf{O}_{12}\textbf{S}_{2}$

Molecular Weight: 1238.91

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 O NH H O S H O NH₂

HO H HO HO

ANALYTICAL DATA

Appearance: White to off-white (Solid)

LCMS: Consistent with structure

Purity (LCMS): 99.64%

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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