Certificate of Analysis

Pepstatin (Trifluoroacetate)

Cat. No.: HY-P0018A **Batch No.:** 56707

Chemical Name: L-Alaninamide, N-(3-methyl-1-oxobutyl)-L-valyl-(3S,4S)-4-amino-3-hydroxy-6-methylhep

tanoyl-N-[(1S)-1-[(1S)-2-carboxy-1-hydroxyethyl]-3-methylbutyl]-,2,2,2-trifluoroacetate

PHYSICAL AND CHEMICAL PROPERTIES

 $\label{eq:control_of_solution} \mbox{Molecular Formula:} \qquad \qquad \mbox{C_{36}H}_{64}\mbox{F_{3}N}_{5}\mbox{O_{11}}$

Molecular Weight: 799.92

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:

ANALYTICAL DATA

Appearance: White to off-white (Solid)

¹ H NMR Spectrum: Consistent with structure

LCMS: Consistent with structure

Purity (LCMS): 98.77%

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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