## **Certificate of Analysis**

## **GRGDSP (TFA)**

 Cat. No.:
 HY-P0290A

 Batch No.:
 33589

Chemical Name: L-Proline, glycyl-L-arginylglycyl-L-α-aspartyl-L-seryl- (TFA)

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{24}H_{38}F_3N_9O_{12}$ 

Molecular Weight: 701.61

**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)

<sup>1</sup> H NMR Spectrum: Consistent with structure

Purity (NMR): ≥98.0%

**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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