## **Certificate of Analysis**

## c(phg-isoDGR-(NMe)k) (TFA)

**Cat. No.:** HY-111413A **Batch No.:** 255541

Chemical Name: Cyclo[L-arginyl-N2-methyl-D-lysyl-(2R)-2-phenylglycyl-L-β-aspartylglycyl] (TFA)

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{29}H_{42}F_3N_9O_9$ 

Molecular Weight: 717.69

**Storage:** -20°C, sealed storage, away from moisture

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

**Chemical Structure:** 

F OH

## ANALYTICAL DATA

Appearance: White to off-white (Solid)

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

LCMS: Consistent with structure

Purity (LCMS): 99.88%

**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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