## **Certificate of Analysis**

## Cn2 toxin (TFA)

Cat. No.: HY-P5807A Batch No.: 405077

**Chemical Name:** Cn2 toxin (TFA)

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $\mathsf{C}_{336}\mathsf{H}_{496}\mathsf{N}_{90}\mathsf{O}_{96}\mathsf{S}_8.\mathsf{x}\mathsf{C}_2\mathsf{H}\mathsf{F}_3\mathsf{O}_2$ 

Molecular Weight: 7588.60 (free base)

Storage: Sealed storage, away from moisture and light

> Powder -80°C 2 years -20°C 1 year

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

**Chemical Structure:** 

KEGYLVDKNTGCKYECLKLGDNDYCLRECKQDYGKGAGGYCYAFACWCTHLYEQANW (Disulfide bridge:Cyst12-Cyst85:Cyst8-Cyst41:Cys25-Cyst8:Cys29-Cyst8) (TFA salt)

## **ANALYTICAL DATA**

Appearance: White to off-white (Solid) MS: Consistent with structure

Purity (HPLC): 98.13%

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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