## **Certificate of Analysis**

## Cilengitide (TFA)

Cat. No.: HY-16143

CAS No.: 199807-35-7

Batch No.: 427738

Chemical Name: Cyclo(L-arginylglycyl-L-α-aspartyl-D-phenylalanyl-N-methyl-L-valyl), 2,2,2-trifluoroacetate (1:1)

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{29}H_{41}F_3N_8O_9$ 

Molecular Weight: 702.68

**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:** 

## **ANALYTICAL DATA**

Appearance: White to off-white (Solid)

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

LCMS: Consistent with structure

Purity (LCMS): 98.84%

**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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