

Apamin (TFA)

Cat. No.: HY-P0256A
Batch No.: 57032
Chemical Name: L-Histidinamide, L-cysteinyl-L-asparaginyl-L-cysteinyl-L-lysyl-L-alanyl-L-prolyl-L- α -glutamyl-L-threonyl-L-alanyl-L-leucyl-L-cysteinyl-L-alanyl-L-arginyl-L-arginyl-L-cysteinyl-L-glutamyl-L-glutamyl-, cyclic (1 \rightarrow 11),(3 \rightarrow 15)-bis(disulfide)(TFA)

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C₈₁H₁₃₂F₃N₃₁O₂₆S₄
Molecular Weight: 2141.36
Storage: Sealed storage, away from moisture
Powder -80°C 2 years
-20°C 1 years
* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)

Chemical Structure:

CNCKAPETALCARRCGQHNN₂ (Disulfide bridge: Cys₁₁-Cys₁₁, Cys₁₅-Cys₁₅) (TFA salt)

ANALYTICAL DATA

Appearance: White to off-white (Solid)
Purity (HPLC): 96.44%
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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