

Heteropodatoxin-2 (TFA)

Cat. No.: HY-P5785A
Batch No.: 345550
Chemical Name: L-Tryptophanamide, L- α -aspartyl-L- α -aspartyl-L-cysteinylglycyl-L-lysyl-L-leucyl-L-phenylalanyl-L-serylglycyl-L-cysteinyl-L- α -aspartyl-L-threonyl-L-asparaginyl-L-alanyl-L- α -aspartyl-L-cysteinyl-L-cysteinyl-L- α -glutamylglycyl-L-tyrosyl-L-valyl-L-cysteinyl-L-arginyl-L-leucyl-L-tryptophyl-L-cysteinyl-L-lysyl-L-leucyl-L- α -aspartyl-, cyclic (3 \rightarrow 17),(10 \rightarrow 22),(16 \rightarrow 26)-tris(disulfide) (xTFA salt)

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{144}H_{207}N_{39}O_{46}S_6 \cdot xC_2HF_3O_2$
Molecular Weight: 3412.81 (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:

DDCGKLFSGGDTNADCCGGYVCRLLWCKLDW-NH₂ (TFA salt)
(Disulfide bridge: Cys₃-Cys₁₇, Cys₁₀-Cys₂₂, Cys₁₆-Cys₂₆)

ANALYTICAL DATA

Appearance: White to off-white (Solid)
MS: Consistent with structure
Purity (HPLC): 97.43%
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.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA