

ω -Agatoxin TK

Cat. No.: HY-P1079
CAS No.: 158484-42-5
Batch No.: 160066
Chemical Name: L-Alanine, L- α -glutamyl-L- α -aspartyl-L-asparaginyl-L-cysteinyl-L-isoleucyl-L-alanyl-L- α -glutamyl-L- α -aspartyl-L-tyrosylglycyl-L-lysyl-L-cysteinyl-L-threonyl-L-tryptophylglycylglycyl-L-threonyl-L-lysyl-L-cysteinyl-L-cysteinyl-L-arginylglycyl-L-arginyl-L-prolyl-L-cysteinyl-L-arginyl-L-cysteinyl-L-seryl-L-methionyl-L-isoleucylglycyl-L-threonyl-L-asparaginyl-L-cysteinyl-L- α -glutamyl-L-cysteinyl-L-threonyl-L-prolyl-L-arginyl-L-leucyl-L-isoleucyl-L-methionyl-L- α -glutamylglycyl-L-leucyl-D-seryl-L-phenylalanyl-, cyclic (4 \rightarrow 20),(12 \rightarrow 25),(19 \rightarrow 36),(27 \rightarrow 34)-tetrakis(disulfide)

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{215}H_{337}N_{65}O_{70}S_{10}$
Molecular Weight: 5273.02
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:

EDNCIAEDYQKCTWGTKCCGRPCRCSMIGTNCCECTPRIMEQLSFA
(Disulfide bridge: C₉₄-C₉₅, C₁₂₁-C₁₂₂, C₁₉₇-C₁₉₈, C₂₇₁-C₂₇₂)

ANALYTICAL DATA

Appearance: White to off-white (Solid)
Purity: $\geq 99.0\%$
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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