

ω-Conotoxin GVIA (TFA)

Cat. No.: HY-P0189A
Batch No.: 261226
Chemical Name: L-Tyrosinamide, L-cysteinyl-L-lysyl-L-seryl-(4R)-4-hydroxy-L-prolylglycyl-L-seryl-L-seryl-L-cysteinyl-L-seryl-(4R)-4-hydroxy-L-prolyl-L-threonyl-L-seryl-L-tyrosyl-L-asparaginyl-L-cysteinyl-L-cysteinyl-L-arginyl-L-seryl-L-cysteinyl-L-asparaginyl-(4R)-4-hydroxy-L-prolyl-L-tyrosyl-L-threonyl-L-lysyl-L-arginyl-L-cysteinyl-, cyclic (1→16),(8→19),(15→26)-tris(disulfide), TFA

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{120}H_{182}N_{38}O_{43}S_6 \cdot xC_2HF_3O_2$
Molecular Weight: 3151.37 (free base)
Storage: Sealed storage, away from moisture
 Powder -80°C 2 years
 -20°C 1 year
 * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)

Chemical Structure:

CXS-(Hyp)-GSSCS-(Hyp)-TSYNCCRSCH-(Hyp)-YTKRCY-NH₂
 (Disulfide bridge: Cys1-Cys16; Cys8-Cys19; Cys15-Cys26) (TFA salt)

ANALYTICAL DATA

Appearance: White to off-white (Solid)
LCMS: Consistent with structure
Purity (LCMS): 99.33%
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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