

α -Conotoxin MII

Cat. No.: HY-P1365
CAS No.: 175735-93-0
Batch No.: 251782
Chemical Name: L-Cysteinamide, glycyL-L-cysteinyl-L-cysteinyl-L-seryl-L-asparaginyl-L-prolyl-L-valyl-L-cysteinyl-L-histidyl-L-leucyl-L- α -glutamyl-L-histidyl-L-seryl-L-asparaginyl-L-leucyl-, cyclic (2 \rightarrow 8),(3 \rightarrow 16)-bis (disulfide)

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C₆₇H₁₀₃N₂₃O₂₂S₄
Molecular Weight: 1710.94
Storage: Sealed storage, away from moisture and light, under nitrogen
Powder -80°C 2 years
-20°C 1 years
* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light, under nitrogen)

Chemical Structure:

GCCSNPVCHLEHSNLC-NH₂
(Disulfide bridge:Cys₂-Cys₈;Cys₃-Cys₁₆)

ANALYTICAL DATA

Appearance: White to off-white (Solid)
MS: Consistent with structure
Purity: 98.53%
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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