

α -Conotoxin Im-I

Cat. No.: HY-P1270
CAS No.: 156467-85-5
Batch No.: 445304
Chemical Name: L-Cysteinamide, glycyL-L-cysteinyl-L-cysteinyl-L-seryl-L- α -aspartyl-L-prolyl-L-arginyl-L-cysteinyl-L-alanyl-L-tryptophyl-L-arginyl-, cyclic (2 \rightarrow 8),(3 \rightarrow 12)-bis(disulfide)

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C₅₂H₇₈N₂₀O₁₅S₄
Molecular Weight: 1351.56
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:

Gly-Cys-Cys-Ser-Asp-Pro-Arg-Cys-Ala-
Trp-Arg-Cys-NH₂ (Disulfide bridge:Cys2-
Cys8;Cys3-Cys12)

ANALYTICAL DATA

Appearance: White to off-white (Solid)
MS: Consistent with structure
Purity (HPLC): 98.15%
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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