

μ-Conotoxin-CnIIIC (acetate)

Cat. No.: HY-P1952A
Batch No.: 292576
Chemical Name: L-Cysteinamide, 5-oxo-L-prolylglycyl-L-cysteiny-L-cysteiny-L-asparaginyglycyl-L-prolyl-L-lysyl glycyl-L-cysteiny-L-seryl-L-seryl-L-lysyl-L-tryptophyl-L-cysteiny-L-arginyl-L-α-aspartyl-L-histidy l-L-alanyl-L-arginyl-L-cysteiny-, cyclic (3→15),(4→21),(10→22)-tris(disulfide) (acetate)

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{92}H_{139}N_{35}O_{28}S_6 \cdot xC_2H_4O_2$
Molecular Weight: 2375.70 (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:

(Gly)-GCCNGPKGCSSKWCGRDHARCC-NH₂
(Disulfide bridge: Cys₃-Cys₁₅, Cys₄-Cys₂₁, Cys₁₀-Cys₂₂) (acetate salt)

ANALYTICAL DATA

Appearance: White to off-white (Solid)
MS: Consistent with structure
Purity (HPLC): 98.37%
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