

α C-Conotoxin PrXA

Cat. No.: HY-P5149
Batch No.: 311131
Chemical Name: α C-Conotoxin PrXA

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{160}H_{247}N_{43}O_{44}S_2$
Molecular Weight: 3541.06
Storage: Sealed storage, away from moisture and light, under nitrogen
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, under nitrogen)

Chemical Structure:

TYGIYDAKP-(Hyp)-FSCAGLRGGVLP-(Hyp)-NLR-(Hyp)-KFKK-NH₂
(Disulfide bridge Cys₁₇-Cys₂₀)

ANALYTICAL DATA

Appearance: White to off-white (Solid)
MS: Consistent with structure
Purity (HPLC): 98.44%
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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