

PLTX-II

Cat. No.:	HY-P5954
Molecular Formula:	C ₂₀₈ H ₃₁₃ N ₆₁ O ₇₀ S ₁₀
Molecular Weight:	5108.73
Sequence:	Ala-Asp-Cys-Ser-Ala-Thr-Gly-Asp-Thr-Cys-Asp-His-Thr-Lys-Lys-Cys-Cys-Asp-Asp-Cys-Tyr-Thr-Cys-Arg-Cys-Gly-Thr-Pro-Trp-Gly-Ala-Asn-Cys-Arg-Cys-Asp-Tyr-Tyr-Lys-Ala-Arg-Cys-Asp-{Thr(O-palmitoyl)}-NH ₂ (Disulfide bridge: Cys3-Cys17,Cys10-Cys23,Cys16-Cys35,Cys20-Cys42,Cys25-Cys33)
Sequence Shortening:	ADCSATGDTCDHTKKCCDDCYTCRCGTPWGANCRCDDYKARCD-{Thr(O-palmitoyl)}-NH ₂ (Disulfide bridge: Cys3-Cys17,Cys10-Cys23,Cys16-Cys35,Cys20-Cys42,Cys25-Cys33)
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description

PLTX-II is a calcium channel blocker. PLTX-II has a 44-residue peptide containing ten Cys residues and an O-palmitoylated threonine amide at the carboxy-terminus^[1].

REFERENCES

[1]. J Bódi, et al. Synthesis of an O-palmitoylated 44-residue peptide amide (PLTX II) blocking presynaptic calcium channels in Drosophila. Pept Res. 1995, 84, 4.

Caution: Product has not been fully validated for medical applications. For research use only.

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