

ω-Conotoxin CVIA

Cat. No.:	HY-P5821
CAS No.:	325164-06-5
Molecular Formula:	C ₉₇ H ₁₆₁ N ₃₉ O ₃₆ S ₆
Molecular Weight:	2641.95
Sequence:	Cys-Lys-Ser-Thr-Gly-Ala-Ser-Cys-Arg-Arg-Thr-Ser-Tyr-Asp-Cys-Cys-Thr-Gly-Ser-Cys-Arg-Ser-Gly-Arg-Cys-NH ₂ (Disulfide bridge:Cys1-Cys16, Cys8-Cys20, Cys15-Cys25)
Sequence Shortening:	CKSTGASCRRTSYDCCTGSCRSGRG-NH ₂ (Disulfide bridge:Cys1-Cys16, Cys8-Cys20, Cys15-Cys25)
Target:	Calcium Channel
Pathway:	Membrane Transporter/Ion Channel; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description

ω-Conotoxin CVIA, a 27 amino acid neuropeptide toxin, is an voltage sensitive calcium channels blocker^[1].

REFERENCES

[1]. A Azimi-Zonooz, et al. The developing chick brain shows a dramatic increase in the omega-conotoxin binding sites around the hatching period. Int J Dev Neurosci. 1992 Oct;10(5):447-51.

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

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