

κM-Conotoxin RIIK

Cat. No.:	HY-P5825
CAS No.:	740843-55-4
Molecular Formula:	C ₁₀₆ H ₁₇₈ N ₃₄ O ₃₃ S ₆
Molecular Weight:	2649.15
Sequence:	Leu-{Hyp}-Ser-Cys-Cys-Ser-Leu-Asn-Leu-Arg-Leu-Cys-{Hyp}-Val-{Hyp}-Ala-Cys-Lys-Arg-Asn-{Hyp}-Cys-Cys-Thr-NH ₂ (Disulfide bridge:Cys4-Cys17, Cys5-Cys22, Cys12-Cys23)
Sequence Shortening:	L-{Hyp}-SCCSLNLRLC-{Hyp}-V-{Hyp}-ACKRN-{Hyp}-CCT-NH ₂ (Disulfide bridge:Cys4-Cys17, Cys5-Cys22, Cys12-Cys23)
Target:	Potassium Channel
Pathway:	Membrane Transporter/Ion Channel
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description

κM-Conotoxin RIIK is a potassium channel antagonist. κM-Conotoxin RIIK can block voltage-activated potassium ion channels ^[1].

REFERENCES

[1]. Al-Sabi A, et al. KappaM-conotoxin RIIK, structural and functional novelty in a K⁺ channel antagonist. *Biochemistry*. 2004 Jul 13;43(27):8625-35.

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

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