

Tertiapin-RQ

Cat. No.:	HY-P5887
Molecular Formula:	C ₁₀₆ H ₁₇₅ N ₃₇ O ₂₅ S ₄
Molecular Weight:	2496.02
Sequence:	Ala-Leu-Cys-Asn-Cys-Asn-Arg-Arg-Ile-Ile-Pro-His-Gln-Cys-Trp-Lys-Lys-Cys-Gly-Lys-Lys (Disulfide bridge:Cys3-Cys14, Cys5-Cys18)
Sequence Shortening:	ALCNCNRRRIIPHQCWKKCGKK-NH2 (Disulfide bridge:Cys3-Cys14, Cys5-Cys18)
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

Tertiapin-RQ is an inward rectifier K⁺ channel blocker peptide with antidepressive effect^[1].

REFERENCES

[1]. Okada M, et al. Antidepressive effect of an inward rectifier K⁺ channel blocker peptide, tertiapin-RQ. PLoS One. 2020 Nov 13;15(11):e0233815.

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

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