

Tertiapin LQ

Cat. No.:	HY-P1403
Molecular Formula:	C ₁₀₆ H ₁₇₉ N ₃₃ O ₂₄ S ₄
Molecular Weight:	2428.02
Sequence:	Ala-Leu-Cys-Asn-Cys-Asn-Arg-Ile-Ile-Ile-Pro-Leu-Gln-Cys-Trp-Lys-Lys-Cys-Gly-Lys-Lys-NH ₂ (Disulfide bridge:Cys3-Cys14, Cys5-Cys18)
Sequence Shortening:	ALCNCNRHIIPLQCWKKCGKK-NH ₂ (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 LQ is a specific and reversible renal outer medullary potassium ROMK1 (Kir1.1) channel inhibitor ^[1] .
IC₅₀ & Target	ROMK1 ^[1] .

REFERENCES

[1]. Siraskar B, et al. Downregulation of the renal outer medullary K(+) channel ROMK by the AMP-activated protein kinase. Pflugers Arch. 2013 Feb;465(2):233-45.

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

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