

Product Name : Tertiapin-Q
Cat. No. : PC-22937
CAS No. : 910044-56-3
Molecular Formula : C₁₀₆H₁₇₅N₃₅O₂₄S₄
Molecular Weight : 2452.00
Target : Potassium Channel
Solubility : 10 mM in DMSO

Ala-Leu-Cys-Asn-Cys-Asn-Arg-Ile-Ile-Ile-Pro-His-Gln-Cys-Trp-Lys-Lys-Cys-

(Disulfide bridge: Cys3-Cys14, Cys5-Cys18)

Biological Activity

Tertiapin-Q is a highly selective blocker of GIRK1/4 heterodimer and renal outer medullary potassium channel (ROMK1, Kir1.1), blocks recombinant and native large conductance K⁺ channels.

References

Picton LD, et al. Sci Rep. 2016 Oct 20;6:35749.

Sackin H, et al. Biophys J. 2003 Feb;84(2 Pt 1):910-21.

Jin W, et al. Biochemistry. 1999 Oct 26;38(43):14294-301.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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