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Produktinformation



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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Tertiapin (reduced)

Cat. No.:	HY-P2791
CAS No.:	58694-52-3
Molecular Formula:	C ₁₀₆ H ₁₈₀ N ₃₄ O ₂₃ S ₅
Molecular Weight:	2459.1
Sequence:	Ala-Leu-Cys-Asn-Cys-Asn-Arg-Ile-Ile-Ile-Pro-His-Met-Cys-Trp-Lys-Lys-Cys-Gly-Lys-Lys-NH ₂
Sequence Shortening:	ALCNCNRIIIIPHCWKKCGKK-NH ₂
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 (reduced) is a kind of synthesis of melittin, its Cys3-Cys14 and Cys5-Cys18 between containing a disulfide bond. Tertiapin (reduced) is a kind of inward rectifier potassium channels blockers, can block the activity of calcium activates large conductance potassium channels. Tertiapin (reduced) can be used for research in diseases such as rheumatoid arthritis and multiple sclerosis^[1].

REFERENCES

[1]. Kitamura H, et al. Tertiapin potently and selectively blocks muscarinic K⁺ channels in rabbit cardiac myocytes[J]. Journal of Pharmacology and Experimental Therapeutics, 2000, 293(1): 196-205.

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

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