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Data Sheet

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Product Name : Apamin TFA
Cat. No. : PC-26171
CAS No. :
Molecular Formula : $C_{81}H_{132}F_3N_{31}O_{26}S_4$
Molecular Weight : 2141.36
Target : Potassium Channel
Solubility : 10 mM in DMSO

Cys-Asn-Cys-Lys-Ala-Pro-Glu-Thr-Ala-Leu-Cys-Ala-Arg-Arg-Cys-Gln-Gln-H
(Disulfide bridge: Cys1-Cys11;Cys3-Cys15)

Biological Activity

Apamin (Apamine) TFA is a peptide neurotoxin found in apitoxin and selective small conductance Ca(2+)-activated K(+) (SK(Ca)) channel blocker, exhibits anti-inflammatory and anti-fibrotic activity.

References

Cassell SJ, et al. Elife. 2025 Dec 4;14:RP107733.

Veress R, et al. Circ Res. 2025 Jul 18;137(3):386-399.

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

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