

Caloxin 3A1

Cat. No.:	HY-P5422
Molecular Formula:	C ₈₃ H ₁₂₆ N ₂₂ O ₃₀
Molecular Weight:	1912.02
Sequence:	Trp-Ser-Ser-Thr-Ser-Ser-Val-Ser-Ala-Pro-Leu-Glu-Phe-Gly-Gly-Gly-Gly-Ser-Ala-Lys
Sequence Shortening:	WSSTSSVSAPLEFGGGGSAK
Target:	Calcium Channel
Pathway:	Membrane Transporter/Ion Channel; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description

Caloxin 3A1 is a biological active peptide. (This peptide belongs to caloxins, the extracellular plasma membrane (PM) Ca²⁺ pump inhibitors. Caloxin 3A1 inhibits plasma membrane calcium pumps (PMCA) but not the sarcoplasmic reticulum Ca²⁺-pump. This peptide does not inhibit formation of the acylphosphate intermediate from ATP.)

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

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