

GsAF-1

Cat. No.:	HY-P5167
CAS No.:	518309-03-0
Molecular Formula:	C ₁₆₀ H ₂₄₅ N ₄₇ O ₄₁ S ₇
Molecular Weight:	3707.4
Sequence:	Tyr-Cys-Gln-Lys-Trp-Leu-Trp-Thr-Cys-Asp-Ser-Glu-Arg-Lys-Cys-Cys-Glu-Asp-Met-Val-Cys-Arg-Leu-Trp-Cys-Lys-Lys-Arg-Leu-NH ₂
Sequence Shortening:	YCQKWLWTCDSERKCCEDMVCRLWCKKRL-NH ₂ (Disulfide bonds: Cys2-Cys16, Cys9-Cys21, Cys15-Cys25)
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description

GsAF-1 is a peptide toxin containing three disulfide bonds. GsAF-1 can be isolated from the venom of the Chilean pink tarantula. GsAF-1 can be used for research of moderate-to-severe pain^[1].

REFERENCES

[1]. Rong-qiang Liu, et al. Synthesis and Characterization of the Pain-Killing Peptide Grammostola spatulata Analgesic Factor (GsAF-1) Containing Three Disulfide Bonds. Peptides: The Wave of the Future. American Peptide Symposia, vol 7. Springer, Dordrecht.

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

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