

## Termicin

<b>Cat. No.:</b>	HY-P5628
<b>Molecular Formula:</b>	C <sub>181</sub> H <sub>266</sub> N <sub>58</sub> O <sub>48</sub> S <sub>6</sub>
<b>Molecular Weight:</b>	4214.8
<b>Sequence:</b>	Ala-Cys-Asn-Phe-Gln-Ser-Cys-Trp-Ala-Thr-Cys-Gln-Ala-Gln-His-Ser-Ile-Tyr-Phe-Arg-Arg-Ala-Phe-Cys-Asp-Arg-Ser-Gln-Cys-Lys-Cys-Val-Phe-Val-Arg-Gly-NH <sub>2</sub> (Disulfide bridge: C1-C4,C2-C5,C3-C6)
<b>Sequence Shortening:</b>	ACNFQSCWATCQAQHSIYFRRAFCDRSQCKCVFVRG-NH <sub>2</sub> (Disulfide bridge:C1-C4,C2-C5,C3-C6)
<b>Target:</b>	Others
<b>Pathway:</b>	Others
<b>Storage:</b>	Please store the product under the recommended conditions in the Certificate of Analysis.

### BIOLOGICAL ACTIVITY

#### Description

Termicin is an antimicrobial peptide from *Pseudacanthotermes spiniger*. Termicin has anti-gram-positive bacteria, filamentous fungi and yeast activity<sup>[1]</sup>.

### REFERENCES

[1]. Lamberty M, et al Constitutive expression of a cysteine-rich antifungal and a linear antibacterial peptide in a termite insect. J Biol Chem. 2001 Feb 9;276(6):4085-92.

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

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