

TLN-58

Cat. No.:	HY-P5551
Molecular Formula:	C ₃₀₅ H ₄₉₈ N ₉₂ O ₈₆ S
Molecular Weight:	6861.85
Sequence:	Thr-Leu-Asn-Gln-Ala-Arg-Gly-Ser-Phe-Asp-Ile-Ser-Cys-Asp-Lys-Asp-Asn-Lys-Arg-Phe-Ala-Leu-Leu-Gly-Asp-Phe-Phe-Arg-Lys-Ser-Lys-Glu-Lys-Ile-Gly-Lys-Glu-Phe-Lys-Arg-Ile-Val-Gln-Arg-Ile-Lys-Asp-Phe-Leu-Arg-Asn-Leu-Val-Pro-Arg-Thr-Glu-Ser
Sequence Shortening:	TLNQARGSFDISCDKDNKRFBALLGDFFRKSKEKIGKEFKRIVQRIKDFLRNLPRTES
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description

TLN-58 is an antimicrobial peptide. TLN-58 has antibacterial activity against *S. aureus*, *S. epidermidis*, and group A *Streptococcus*. TLN-58 also induces inflammatory cytokine mRNAs upregulation in normal human keratinocytes and NCL-SG3 cells^[1].

REFERENCES

[1]. Murakami M, et al. TLN-58, an Additional hCAP18 Processing Form, Found in the Lesion Vesicle of Palmoplantar Pustulosis in the Skin. *J Invest Dermatol.* 2017 Feb;137(2):322-331.

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

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