

Tet-213

Cat. No.:	HY-P3459
CAS No.:	1260528-09-3
Molecular Formula:	CK ₂ W ₄
Molecular Weight:	825.57
Sequence Shortening:	KRWKWWRRRC
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description	Tet-213 is an antimicrobial peptide. Tet-213 has broad spectrum antibacterial activity. Tet-213 can promote infected wound repair ^[1] .
In Vitro	Tet-213 shows significant antibacterial activity on 80% (16 of 20 strains) of the <i>S. aureus</i> clinical isolates ^[2] . Tet-213 strongly reduces the growth and biofilm formation of <i>S. aureus</i> ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Pwa B, et al. Antibacterial peptide-modified collagen nanosheet for infected wound repair - ScienceDirect[J]. Smart Materials in Medicine, 2021.

[2]. Zhao G, et al. Effects of antimicrobial peptides on *Staphylococcus aureus* growth and biofilm formation in vitro following isolation from implant-associated infections. Int J Clin Exp Med. 2015 Jan 15;8(1):1546-51.

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

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