

## XMP-629

Cat. No.:	HY-P2170
CAS No.:	316805-65-9
Molecular Formula:	C <sub>67</sub> H <sub>93</sub> N <sub>15</sub> O <sub>11</sub>
Molecular Weight:	1284.55
Target:	Bacterial; Antibiotic
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

### BIOLOGICAL ACTIVITY

#### Description

XMP-629 (XOMA-629), a cationic  $\alpha$ -helical peptide, is a potent endotoxin inhibitor. XMP-629 exhibits broad-spectrum antimicrobial activity via an immunomodulatory mechanism. XOMA 629 has antimicrobial activity against *Propionibacterium acnes*, *Staphylococcus aureus* and *Streptococcus pyogenes* and<sup>[1][2]</sup>.

### REFERENCES

[1]. Hancock RE, et, al. Modulating immunity as a therapy for bacterial infections. *Nat Rev Microbiol.* 2012 Mar 16;10(4):243-54.

[2]. Bhopale GM. Antimicrobial Peptides: A Promising Avenue for Human Healthcare. *Curr Pharm Biotechnol.* 2020;21(2):90-96.

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

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