

Product Name:	Pexiganan acetate
Product Number:	P115
CAS Number:	172820-23-4
Molecular Formula:	$C_{122}H_{210}N_{32}O_{22}$
Molecular Weight:	2477.2
Description:	Pexiganan is an antimicrobial peptide (AMP) that is effective against a broad spectrum of bacteria including aerobic and anaerobic, gram-positive and gram-negative. Bacterial resistance to pexiganan is very unlikely to develop.
Mechanism of Action:	Pexiganan adopts a helix form in the cell membrane, causing pores in the membrane and leakage leading to cell death.
References:	Gottler, L. M., & Ramamoorthy, A. (2009). Structure, membrane orientation, mechanism, and function of pexiganan — A highly potent antimicrobial peptide designed from magainin. <i>Biochimica et Biophysica Acta (BBA) - Biomembranes</i> , 1788(8), 1680–1686. doi:10.1016/j.bbamem.2008.10.009

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