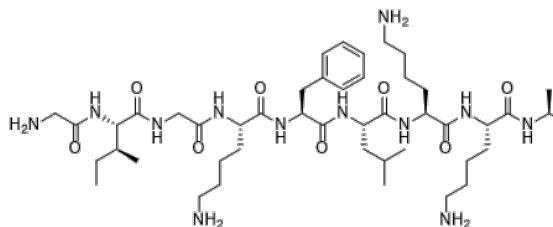


Product Name : Pexiganan
Cat. No. : PC-27793
CAS No. : 147664-63-9
Molecular Formula : C₁₂₂H₂₁₀N₃₂O₂₂
Molecular Weight : 2477.18
Target : Bacterial
Solubility : 10 mM in DMSO



Biological Activity

Pexiganan (MSI-78) is an analog of magainin and orally active antimicrobial peptide with broad-spectrum bactericidal activity, disrupts bacterial cell membranes, induces peptidoglycan damage and cell lysis, has MIC₉₀ of ≤ 32 ug/mL for clinical isolates of gram-positive and gram-negative, anaerobic and aerobic bacteria.

References

- Ge Y, et al. Antimicrob Agents Chemother. 1999 Apr;43(4):782-8.
 Fuchs PC, et al. Antimicrob Agents Chemother. 1998 May;42(5):1213-6.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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