

Product Datasheet

Cecropin A (1-7)-Melittin A (2-9) amide (orb2692671)

Catalog Number	orb2692671
Category	Proteins
Description	<p>Cecropin A (1-7)-Melittin A (2-9) amide, also referred to as CAMELO, is a synthetic hybrid peptide that is composed of portions of the naturally occurring antibiotic peptide cecropin A and melittin. CAMELO shows a better antimicrobial activity than the native molecules, but lacks the hemolytic properties of melittin. Studies revealed that the range of its antimicrobial activity is not only restricted to aerobic microorganisms but also included several gram-negative and gram-positive anaerobic microorganisms. Through its ascertained broad spectrum of antibiotic activity, this hybrid peptide may also represent an effective substitute for ciprofloxacin in the treatment of anthrax infections.</p>
Purity	≥95%
Protein Sequence	KWKLFFKKIGAVLKVL-NH ₂
MW	1770.34
CAS Number	157606-25-2
Formula	C ₈₉ H ₁₅₂ N ₂₂ O ₁₅
Note	For research use only
Expiration Date	6 months from date of receipt.

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