

CRAMP-18 (mouse)

Cat. No.:	HY-P5016
CAS No.:	256639-17-5
Molecular Formula:	C ₁₀₁ H ₁₇₁ N ₂₇ O ₂₄
Molecular Weight:	2147.6
Sequence:	Gly-Glu-Lys-Leu-Lys-Lys-Ile-Gly-Gln-Lys-Ile-Lys-Asn-Phe-Phe-Gln-Lys-Leu
Sequence Shortening:	GEKLLKIGQKIKNFFQKL
Target:	Antibiotic; Bacterial; Fungal
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description

CRAMP-18 (mouse) is an antibiotic peptide without hemolytic activity. CRAMP-18 (mouse) has good inhibitory activity against Gram-negative bacteria, such as *S. typhimurium* and *P. aeruginosa*. CRAMP-18 (mouse) has the potential to study antifungal, antibacterial and antitumor^{[1][2]}.

REFERENCES

- [1]. Shin SY, et al. CRAMP analogues having potent antibiotic activity against bacterial, fungal, and tumor cells without hemolytic activity. *Biochem Biophys Res Commun.* 2000 Sep 7;275(3):904-9.
- [2]. Kang SW, et al. CRAMP analog having potent antibiotic activity without hemolytic activity. *Protein Pept Lett.* 2002 Aug;9(4):275-82.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA