

Hb 98-114

Cat. No.:	HY-P5549
Molecular Formula:	C ₈₉ H ₁₄₆ N ₂₂ O ₂₂
Molecular Weight:	1876.25
Sequence:	Phe-Lys-Leu-Leu-Ser-His-Ser-Leu-Leu-Val-Thr-Leu-Ala-Ser-His-Leu-Pro
Sequence Shortening:	FKLLSHSLVTLASHLP
Target:	Bacterial; Fungal
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description	Hb 98-114, the amino acids 98-114 of the alpha subunit of bovine hemoglobin, is an antimicrobial peptide. Hb 98-114 is active against several yeast and filamentous fungi (MIC: 2.1 μM-12.5 μM) ^[1] .
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REFERENCES

[1]. Belmonte R, et al. Purification and characterization of Hb 98-114: a novel hemoglobin-derived antimicrobial peptide from the midgut of *Rhipicephalus* (*Boophilus*) *microplus*. *Peptides*. 2012 Sep;37(1):120-7.

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