

KR-12 (human)

Cat. No.:	HY-P10257
CAS No.:	1218951-51-9
Molecular Formula:	C ₇₁ H ₁₂₇ N ₂₅ O ₁₅
Molecular Weight:	1570.93
Sequence:	Lys-Arg-Ile-Val-Gln-Arg-Ile-Lys-Asp-Phe-Leu-Arg-NH ₂
Sequence Shortening:	KRIVQRIKDFLR-NH ₂
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description	KR-12 human is an active segment of LL-37, which exhibits antimicrobial activity against gram-negative bacteria. KR-12 human inhibits E. coli K-12 with MIC of 66 μM ^[1] .
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REFERENCES

[1]. Epanand RF, et al., Lipid segregation explains selective toxicity of a series of fragments derived from the human cathelicidin LL-37. Antimicrob Agents Chemother. 2009 Sep;53(9):3705-14.

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

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