

Garvicin KS, GakC

Cat. No.:	HY-P5207
CAS No.:	2098351-26-7
Molecular Formula:	C ₁₄₃ H ₂₄₀ N ₃₈ O ₃₆ S
Molecular Weight:	3099.73
Sequence:	Met-Gly-Ala-Ile-Ile-Lys-Ala-Gly-Ala-Lys-Ile-Val-Gly-Lys-Gly-Ala-Leu-Thr-Gly-Gly-Gly-Val-Trp-Leu-Ala-Glu-Lys-Leu-Phe-Gly-Gly-Lys
Sequence Shortening:	MGAIKAGAKIVGKGGALTTGGVWLAEKLFGGK
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description

Garvicin KS, GakC is a peptide at sizes of 32 amino acids to form bacteriocin garvicin KS (GarKS), with other 2 peptides, GakA, and GakB. Garvicin KS, GakC inhibits fibroblast viability and proliferation. Garvicin KS peptides inhibit MSSA with MIC values in the order GakB >GakC >GakA^[1].

REFERENCES

[1]. Thapa RK, et al. Preformulation studies on novel garvicin KS peptides for topical applications. Eur J Pharm Sci. 2020 Aug 1;151:105333.

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

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