

Paenilagicin

Cat. No.:	HY-P10210
Molecular Formula:	C ₆₅ H ₉₉ N ₁₃ O ₁₉
Molecular Weight:	1366.56
Target:	Antibiotic; Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description

Paenilagicin is a Gram-positive active antibiotic with a unique diphosphorylated prenyl binding mechanism that does not induce drug resistance. Paenilagicin exhibits a MIC value of 2 µg/mL against multidrug-resistant Gram-positive bacteria^[1].

REFERENCES

[1]. Rosenzweig AF, et al. A Family of Antibiotics That Evades Resistance by Binding Polyprenyl Phosphates. ACS Infect Dis. 2023 Dec 8;9(12):2394-2400.

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

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