

Cilagicin

Cat. No.:	HY-P10209
Molecular Formula:	C ₆₈ H ₁₀₃ N ₁₅ O ₂₁
Molecular Weight:	1466.63
Target:	Antibiotic; Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description

Cilagicin, a dodeca-lipodepsipeptide, is a Gram-positive active antibiotic. Cilagicin has a dual polyprenyl phosphate binding mechanism that impedes resistance development^[1].

REFERENCES

[1]. Adam F Rosenzweig, 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.

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