



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## Paenilagicin

|                    |                                                                                           |
|--------------------|-------------------------------------------------------------------------------------------|
| Cat. No.:          | HY-P10210                                                                                 |
| Molecular Formula: | C <sub>65</sub> H <sub>99</sub> N <sub>13</sub> O <sub>19</sub>                           |
| 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<sup>[1]</sup>.

### 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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