



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
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### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

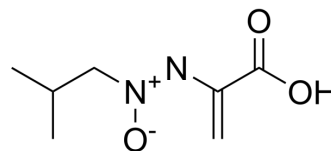
[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

## Valanimycin

Cat. No.:	HY-126170
CAS No.:	101961-60-8
Molecular Formula:	C <sub>7</sub> H <sub>12</sub> N <sub>2</sub> O <sub>3</sub>
Molecular Weight:	172.18
Target:	Antibiotic; Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Valanimycin is an antibiotic, which inhibits *Escherichia coli* (BE1121) through interaction with DNA. Valanimycin exhibits cytotoxicity to mouse leukemia L1210, P388/S (doxorubicin (HY-15142A)-sensitive), and P388/ADR (doxorubicin-resistant), with IC<sub>50</sub> of 0.79, 2.65, and 1.44 µg/mL, respectively. Valanimycin exhibits antitumor efficacy against ehrlich ascites tumors or L1210 in mice<sup>[1]</sup>.

### REFERENCES

- [1]. Yamato M, et al., Isolation and properties of valanimycin, a new azoxy antibiotic. *J Antibiot (Tokyo)*. 1986 Feb;39(2):184-91.
- [2]. Yamato M, et al., Valanimycin acts on DNA in bacterial cells. *J Antibiot (Tokyo)*. 1987 Apr;40(4):558-60.

**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