



# 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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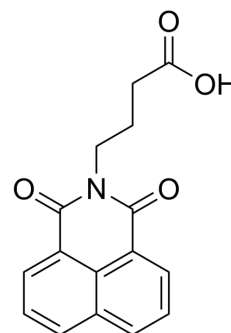
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## Virstatin

<b>Cat. No.:</b>	HY-127041		
<b>CAS No.:</b>	88909-96-0		
<b>Molecular Formula:</b>	C <sub>16</sub> H <sub>13</sub> NO <sub>4</sub>		
<b>Molecular Weight:</b>	283.28		
<b>Target:</b>	Others		
<b>Pathway:</b>	Others		
<b>Storage:</b>	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : 125 mg/mL (441.26 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	3.5301 mL	17.6504 mL	35.3008 mL
	5 mM	0.7060 mL	3.5301 mL	7.0602 mL
	10 mM	0.3530 mL	1.7650 mL	3.5301 mL

Please refer to the solubility information to select the appropriate solvent.

### BIOLOGICAL ACTIVITY

#### Description

Virstatin inhibits the pili system synthesis and prevents *A. baumannii* biofilm formation. Virstatin also inhibits dimerization of the transcriptional activator ToxT<sup>[1][2]</sup>.

#### IC<sub>50</sub> & Target

ToxT<sup>[1]</sup>

### REFERENCES

[1]. Nait Chabane Y, et al. Virstatin inhibits biofilm formation and motility of *Acinetobacter baumannii*. *BMC Microbiol.* 2014 Mar 12;14:62.

[2]. Shakhnovich EA, et al. Virstatin inhibits dimerization of the transcriptional activator ToxT. *Proc Natl Acad Sci U S A.* 2007 Feb 13;104(7):2372-7.

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

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