



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

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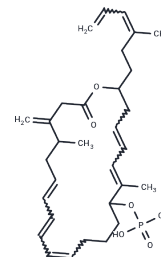
www.szabo-scandic.com

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

Difficidin

Chemical Properties

CAS No. :	95152-88-8
Formula:	C ₃₁ H ₄₅ O ₆ P
Molecular Weight:	544.66
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Difficidin, an antibiotic produced by <i>Bacillus velezensis</i> , exhibits broad-spectrum antimicrobial activity by inhibiting protein biosynthesis. It effectively controls plant pathogens such as <i>Erwinia amylovora</i> (the causative agent of orchard fire blight) and <i>Xanthomonas oryzae</i> (a pathogen of rice disease).
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.836 mL	9.180 mL	18.3601 mL
5 mM	0.3672 mL	1.836 mL	3.672 mL
10 mM	0.1836 mL	0.918 mL	1.836 mL
50 mM	0.0367 mL	0.1836 mL	0.3672 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only· Not for Human or Veterinary or Therapeutic Use

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