



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



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

www.szabo-scandic.com

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

Orfamide A

Cat. No.:	HY-P3100
CAS No.:	939960-34-6
Molecular Formula:	C ₆₄ H ₁₁₄ N ₁₀ O ₁₇
Molecular Weight:	1295.65
Sequence:	{3-hydroxy-1-oxotetradecyl}-Leu-Glu-Thr-Ile-Leu-Ser-Leu-Leu-Ser-Val (Lactam bridge: Thr3-Val10)
Sequence Shortening:	{3-hydroxy-1-oxotetradecyl}-LETILSLLSV (Lactam bridge: Thr3-Val10)
Target:	Parasite
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description

Orfamide A is a major metabolite of insecticidal biosurfactant in *Pseudomonas* sp. F6 and has aphidicidal activity. Orfamide A can be used for aphid control in organic agriculture. Orfamide A exhibits dose-dependent mortality against aphids with an LC₅₀ value of 34.5 µg/mL^[1].

REFERENCES

[1]. Jang JY, et al. Identification of orfamide A as an insecticidal metabolite produced by *Pseudomonas protegens* F6. *J Agric Food Chem*. 2013 Jul 17;61(28):6786-91.

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