



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

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) 

Leucinostatin A

Cat. No.:	HY-P2450	
CAS No.:	76600-38-9	
Molecular Formula:	C ₆₂ H ₁₁₁ N ₁₁ O ₁₃	
Molecular Weight:	1218.61	P-{Nva}-L-{Aib}-LL-{Aib}-{Aib}-{Bal}
Sequence Shortening:	P-{Nva}-L-{Aib}-LL-{Aib}-{Aib}-{Bal}	
Target:	Fungal; Antibiotic	
Pathway:	Anti-infection	
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.	

BIOLOGICAL ACTIVITY

Description

Leucinostatin A (Antibiotic P168) is a nonapeptide exerting a remarkable activity especially against *Candida albicans* and *Cryptococcus neoformans*. Leucinostatin A is a hydrophobic nonapeptide antibiotic. Leucinostatin A inhibits prostate cancer growth through reduction of insulin-like growth factor-I expression in prostate stromal cells. Antiprotozoal activities^[1]

REFERENCES

- [1]. Csermely P, et al. The nonapeptide leucinostatin A acts as a weak ionophore and as an immunosuppressant on T lymphocytes. *Biochim Biophys Acta*. 1994;1221(2):125-132.
- [2]. Ricci M, et al. Leucinostatin-A loaded nanospheres: characterization and in vivo toxicity and efficacy evaluation. *Int J Pharm*. 2004;275(1-2):61-72.
- [3]. Brand M, et al. Antiprotozoal Structure-Activity Relationships of Synthetic Leucinostatin Derivatives and Elucidation of their Mode of Action. *Angew Chem Int Ed Engl*. 2021;60(28):15613-15621.

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