



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

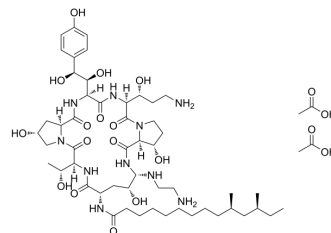
www.szabo-scandic.com

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



Caspofungin (diacetate) (Standard)

Cat. No.:	HY-17006R
CAS No.:	179463-17-3
Molecular Formula:	C ₅₆ H ₉₆ N ₁₀ O ₁₉
Molecular Weight:	1213.42
Target:	Fungal; Antibiotic; Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



SOLVENT & SOLUBILITY

In Vitro

H₂O : ≥ 100 mg/mL (82.41 mM)

* "≥" means soluble, but saturation unknown.

	Solvent Concentration	Mass	1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM		0.8241 mL	4.1206 mL	8.2412 mL
	5 mM		0.1648 mL	0.8241 mL	1.6482 mL
	10 mM		0.0824 mL	0.4121 mL	0.8241 mL

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

BIOLOGICAL ACTIVITY

Description

Caspofungin (diacetate) (Standard) is the analytical standard of Caspofungin (diacetate). This product is intended for research and analytical applications. Caspofungin (MK-0991) diacetate is a potent antifungal agent. Caspofungin diacetate inhibits the synthesis of the fungal cell wall component β-(1,3)-D-glucan^{[1][2]}.

REFERENCES

- [1]. Flattery AM, et, al. Efficacy of caspofungin in a juvenile mouse model of central nervous system candidiasis. Antimicrob Agents Chemother. 2011 Jul;55(7):3491-7.
- [2]. Mojumder DK, et, al. Evaluating retinal toxicity of intravitreal caspofungin in the mouse eye. Invest Ophthalmol Vis Sci. 2010 Nov;51(11):5796-803.

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