



# 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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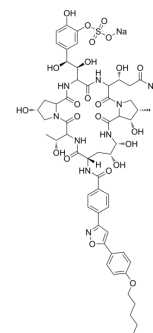
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## Micafungin sodium (Standard)

Cat. No.:	HY-16321R
CAS No.:	208538-73-2
Molecular Formula:	C <sub>56</sub> H <sub>70</sub> N <sub>9</sub> NaO <sub>23</sub> S
Molecular Weight:	1292.26
Target:	Fungal; Antibiotic
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Micafungin (sodium) (Standard) is the analytical standard of Micafungin (sodium). This product is intended for research and analytical applications. Micafungin sodium (FK 463 sodium) is an antifungal agent which inhibits 1, 3-beta-D-glucan synthesis.

### REFERENCES

- [1]. Bazzi W, et al. The inhibitory effect of micafungin on biofilm formation by *Pseudomonas aeruginosa*. *Biofouling*. 2013 Jul 23.
- [2]. Kai H, et al. Synergistic antifungal activity of KB425796-C in combination with micafungin against *Aspergillus fumigatus* and its efficacy in murine infection models. *J Antibiot (Tokyo)*. 2013 Jun 12.
- [3]. Tawara S, Ikeda F, Maki K, et al. In vitro activities of a new lipopeptide antifungal agent, FK463, against a variety of clinically important fungi. *Antimicrob Agents Chemother*. 2000;44(1):57-62.
- [4]. Ikeda F, Wakai Y, Matsumoto S, et al. Efficacy of FK463, a new lipopeptide antifungal agent, in mouse models of disseminated candidiasis and aspergillosis. *Antimicrob Agents Chemother*. 2000;44(3):614-618.
- [5]. Mikamo H, Sato Y, Tamaya T. In vitro antifungal activity of FK463, a new water-soluble echinocandin-like lipopeptide. *J Antimicrob Chemother*. 2000;46(3):485-487.

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

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