



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

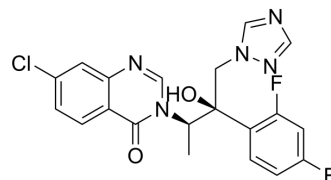
mail@szabo-scandic.com

www.szabo-scandic.com

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

Albaconazole

Cat. No.:	HY-106141
CAS No.:	187949-02-6
Molecular Formula:	C ₂₀ H ₁₆ ClF ₂ N ₅ O ₂
Molecular Weight:	431.82
Target:	Fungal
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Albaconazole (UR 9825) is a broad-spectrum triazole and oral activity antifungal agent ^{[1][2]} .	
In Vitro	Albaconazole (UR 9825) shows antifungal activity with MIC ₅₀ s of ≤0.0002, ≤0.0002, ≤0.0002, 0.06, 0.015, ≤0.0002 mg/L for <i>C. albicans</i> , <i>C. parapsilosis</i> , <i>C. tropicalis</i> , <i>C. glabrata</i> , <i>C. krusei</i> , <i>C. guilliermondii</i> , respectively ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.	
In Vivo	Albaconazole (15, 25, 50 mg/kg; p.o.; once daily for 10 days) shows antifungal activity in scedosporium prolificans infection in rabbits ^[2] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.	
	Animal Model:	2.5 kg New Zealand White male rabbits ^[2]
	Dosage:	15, 25, 50 mg/kg
	Administration:	P.o.; once daily for 10 days
	Result:	Showed lower tissue burdens than the control group. <i>S. prolificans</i> was undetectable in the liver, spleen, and lung cultures, attenuated the histopathological severity in the kidney.

REFERENCES

[1]. Ramos G, et al. In-vitro comparative activity of UR-9825, itraconazole and fluconazole against clinical isolates of *Candida* spp. *J Antimicrob Chemother.* 1999 Aug;44(2):283-6.

[2]. Capilla J, et al. Efficacy of albaconazole (UR-9825) in treatment of disseminated *Scedosporium prolificans* infection in rabbits. *Antimicrob Agents Chemother.* 2003 Jun;47(6):1948-51.

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