



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

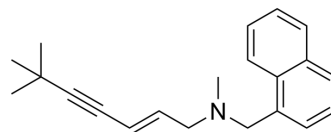
mail@szabo-scandic.com

www.szabo-scandic.com

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

Terbinafine (Standard)

Cat. No.:	HY-17395AR
CAS No.:	91161-71-6
Molecular Formula:	C ₂₁ H ₂₅ N
Molecular Weight:	291.43
Target:	Fungal; Bacterial; Antibiotic
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Terbinafine (Standard) is the analytical standard of Terbinafine. This product is intended for research and analytical applications. Terbinafine (TDT 067) is an orally active and potent antifungal agent. Terbinafine is a potent non-competitive inhibitor of squalene epoxidase from <i>Candida</i> , with a K _i of 30 nM. Terbinafine also shows antibacterial activity against certain Gram-positive and Gram-negative bacteria ^{[1][2][3]} . Terbinafine is a click chemistry reagent, it contains an Alkyne group and can undergo copper-catalyzed azide-alkyne cycloaddition (CuAAC) with molecules containing Azide groups.
IC ₅₀ & Target	Ki: 30 nM (squalene epoxidase) ^[1]

REFERENCES

- [1]. Ryder NS, et al. Terbinafine: mode of action and properties of the squalene epoxidase inhibition. *Br J Dermatol.* 1992 Feb;126 Suppl 39:2-7.
- [2]. Mieth H, et al. Preclinical evaluation of terbinafine in vivo. *Clin Exp Dermatol.* 1989 Mar;14(2):104-7.
- [3]. Ciftci E, et al. Mupirocin vs terbinafine in impetigo. *Indian J Pediatr.* 2002 Aug;69(8):679-82.

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