



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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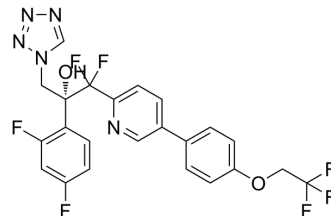
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Oteseconazole (Standard)

Cat. No.:	HY-17643R
CAS No.:	1340593-59-0
Molecular Formula:	C ₂₃ H ₁₆ F ₇ N ₅ O ₂
Molecular Weight:	527.39
Target:	Fungal; Cytochrome P450
Pathway:	Anti-infection; Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Oteseconazole (Standard) is the analytical standard of Oteseconazole. This product is intended for research and analytical applications. Oteseconazole (VT-1161) is a potent and orally active anti-fungal agent. Oteseconazole potently binds to and inhibits *Candida albicans* cytochrome P45051 (CYP51) activity ($K_d \leq 39$ nM), shows no obvious effect on human CYP51. Oteseconazole also can be used for the research of dermatophytes^{[1][2]}.

REFERENCES

[1]. Warrilow AG, et al. The clinical candidate VT-1161 is a highly potent inhibitor of *Candida albicans* CYP51 but fails to bind the human enzyme. *Antimicrob Agents Chemother.* 2014 Dec;58(12):7121-7.

[2]. Garvey EP, et al. VT-1161 dosed once daily or once weekly exhibits potent efficacy in treatment of dermatophytosis in a guinea pig model. *Antimicrob Agents Chemother.* 2015 Apr;59(4):1992-7.

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

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