

Product Datasheet

Oteseconazole

Catalog No. **BP-01870** · CAS **1340593-59-0** · Form **free base** · Physical state **solid** · Color **White to off-white** · Version **1.0** · Revision **2026-09-07**

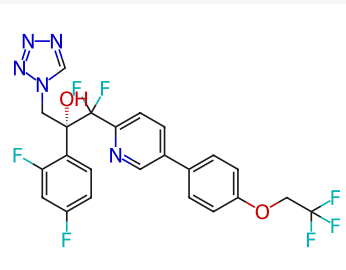
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Target Fungal; Cytochrome P450	Research area Infection
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Molecular formula **C₂₃H₁₆F₇N₅O₂**

Molecular weight **527.3943**

STRUCTURE



DESCRIPTION

Oteseconazole (VT-1161) is an orally active anti-fungal agent, potently binds to and inhibits *Candida albicans* CYP51 (K_d, <39 nM), shows no obvious effect on human CYP51.

BIOLOGICAL ACTIVITY

Oteseconazole (5-25 mg/kg, p.o., daily, 9 days) effectively inhibits mycological growth and improves the clinical signs of infection in guinea pigs infected with *T. mentagrophytes*

SOLUBILITY

Soluble in DMSO : 175 mg/mL

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.

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