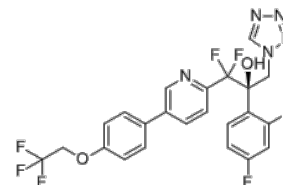


**Product Name** : VT-1161  
**Cat. No.** : PC-61753  
**CAS No.** : 1340593-59-0  
**Molecular Formula** : C<sub>23</sub>H<sub>16</sub>F<sub>7</sub>N<sub>5</sub>O<sub>2</sub>  
**Molecular Weight** : 527.403  
**Target** : Fungal  
**Solubility** : 10 mM in DMSO



## Biological Activity

VT-1161 (Oteseconazole) is a potent, highly-selective, and oral **fungal CYP51** inhibitor with K<sub>d</sub> of ≤ 39 nM.

VT-1161 (Oteseconazole) demonstrates >2,000-fold selectivity over human CYP51, weakly inhibits human CYP2C9, CYP2C19, and CYP3A4.

VT-1161 (Oteseconazole) exhibits excellent potency against key yeast and dermatophyte strains.

## References

Hoekstra WJ, et al. *Bioorg Med Chem Lett*. 2014 Aug 1;24(15):3455-8.

Warrilow AG, et al. *Antimicrob Agents Chemother*. 2014 Dec;58(12):7121-7.

Garvey EP, et al. *Antimicrob Agents Chemother*. 2015 Sep;59(9):5567-73.

**Caution: Product has not been fully validated for medical applications. Lab Use Only!**

E-mail: tech@probechem.com