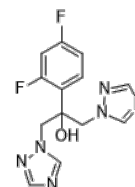


**Product Name** : Fluconazole  
**Cat. No.** : PC-25456  
**CAS No.** : 86386-73-4  
**Molecular Formula** : C<sub>13</sub>H<sub>12</sub>F<sub>2</sub>N<sub>6</sub>O  
**Molecular Weight** : 306.28  
**Target** : Fungal  
**Solubility** : 10 mM in DMSO



### Biological Activity

Fluconazole (UK-49858) is a triazole antifungal agent with excellent activities against a broad range of fungi, especially against *Candida albicans*, inhibits *C. albicans* and *Candida kefyr* with IC<sub>99</sub> value of 0.2-0.39 µg/mL. Fluconazole is a highly selective inhibitor of the fungal cytochrome P450 system.

### References

H Yamaguchi, et al. Jpn J Antibiot. 1989 Jan;42(1):1-16.

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

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