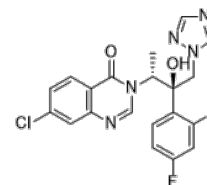


**Product Name** : Albaconazole  
**Cat. No.** : PC-22140  
**CAS No.** : 187949-02-6  
**Molecular Formula** : C<sub>20</sub>H<sub>16</sub>ClF<sub>2</sub>N<sub>5</sub>O<sub>2</sub>  
**Molecular Weight** : 431.83  
**Target** : Fungal  
**Solubility** : 10 mM in DMSO



CAS: 187949-02-6

## Biological Activity

Albaconazole (UR-9825) is a broad-spectrum triazole antifungal agent with MIC of 30 nM against protozoan parasite Trypanosoma (Schizotrypanum) cruzi.

Albaconazole (UR-9825) is more potent against Candida spp. than both fluconazole and itraconazole.

Albaconazole (UR-9825) has good pharmacokinetic profile and excellent bioavailability.

Albaconazole (UR-9825) shows high in-vitro activity and efficacy in models of systemic candidosis in rats and rabbits, comparing favourably with fluconazole.

## References

Capilla J, et al. Antimicrob Agents Chemother. 2003 Jun;47(6):1948-51.

Urbina JA, et al. Antimicrob Agents Chemother. 2000 Sep;44(9):2498-502.

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

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