In Vitro Antifungal Activity of Novel Triazole Efinaconazole and Five Comparators against Dermatophyte Isolates

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ABSTRACT The objective of this study was to assess the *in vitro* activity of the novel triazole antifungal drug, efinaconazole, and five comparators (luliconazole, lanoconazole, terbinafine, itraconazole, and fluconazole) against a large collection of *Trichophyton interdigitale* and *Trichophyton rubrum* clinical isolates. The geometric mean MICs were the lowest for luliconazole (0.0005 _g/ml), followed by lanoconazole (0.002 _g/ml), efinaconazole (0.007 _g/ml), terbinafine (0.011 _g/ml), itraconazole (0.095 _g/ml), and fluconazole (12.77 _g/ml). It appears that efinaconazole, lanoconazole, and luliconazole are promising candidates for the treatment of dermatophytosis

due to T. interdigitale and T. rubrum.

KEYWORDS dermatophytes, efinaconazole, in vitro susceptibility testing