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Butoconazole

National Cancer Institute

Source

National Cancer Institute. *Butoconazole*. NCI Thesaurus. Code C79927.

A synthetic imidazole derivative with fungistatic properties. Butoconazole interferes with steroid biosynthesis by inhibiting the conversion of lanosterol to ergosterol, thereby changing the fungal cell membrane lipid composition. This alters cell permeability and leads to growth inhibition. Butaconazole nitrate is active against many dermatophytes and yeasts. It also contains antibacterial effects against some gram-positive organisms.