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Butoconazole Nitrate

National Cancer Institute

Source

National Cancer Institute. *Butoconazole Nitrate*. NCI Thesaurus. Code C47427.

The nitrate salt form of butaconazole, a synthetic imidazole derivative with fungistatic properties. Butoconazole nitrate 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.