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Ketoconazole

National Cancer Institute

Source

National Cancer Institute. *Ketoconazole*. NCI Thesaurus. Code C605.

A synthetic derivative of phenylpiperazine with broad antifungal properties and potential antineoplastic activity. Ketoconazole inhibits sterol 14- α -dimethylase, a microsomal cytochrome P450-dependent enzyme, thereby disrupting synthesis of ergosterol, an important component of the fungal cell wall. (NCI04)