



Product Information

Product ID B8278

CAS No. 64872-77-1

Chemical Name

Synonym

Formula $C_{19}H_{17}Cl_3N_2S \cdot HNO_3$

Formula Wt. 474.79

Melting Point 159° C (dec.)

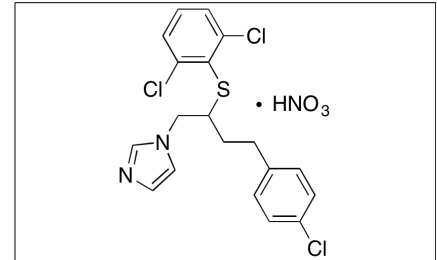
Purity $\geq 98\%$

Solubility

Store Temp Ambient

Ship Temp Ambient

Description Butoconazole is an imidazole derivative that exhibits antifungal/antimycotic and anti-parasitic activities; it likely inhibits 14- α demethylase. Butoconazole displays particularly effective antimicrobial activity against species of *Candida*, *Saccharomyces*, and *Trichomonas*.



Bulk quantities available upon request

Product ID Size

B8278 100 mg

B8278 250 mg

B8278 1 g

References Seidman LS, Skokos CK. An evaluation of butoconazole nitrate 2% site release vaginal cream (Gynazole-1) compared to fluconazole 150 mg tablets (Diflucan) in the time to relief of symptoms in patients with vulvovaginal candidiasis. *Infect Dis Obstet Gynecol.* 2005 Dec;13(4):197-206. PMID: 16338779.

Bourée P, Isoire C. *In vitro* evaluation of the activity of butoconazole against *Trichomonas vaginalis*. *Pathol Biol (Paris).* 1992 May;40(5):492-4. PMID: 1495832.

Hernández Molina JM, Llosá J, Martínez Brocal A, et al. *In vitro* activity of cloconazole, sulconazole, butoconazole, isoconazole, fenticonazole, and five other antifungal agents against clinical isolates of *Candida albicans* and *Candida* spp. *Mycopathologia.* 1992 Apr;118(1):15-21. PMID: 1406898.

Caution: This product is intended for laboratory and research use only. It is not for human or drug use.