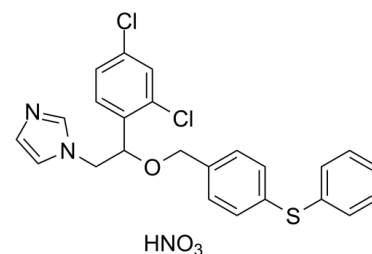


Data Sheet

Product Name:	Fenticonazole (Nitrate)
Cat. No.:	CS-2415
CAS No.:	73151-29-8
Molecular Formula:	C ₂₄ H ₂₁ Cl ₂ N ₃ O ₄ S
Molecular Weight:	518.41
Target:	Fungal
Pathway:	Anti-infection
Solubility:	DMSO : ≥ 100 mg/mL (192.90 mM)



BIOLOGICAL ACTIVITY:

Fenticonazole Nitrate is an azole antifungal agent. Target: Antifungal Fenticonazole is an azole antifungal drug, used locally as the nitrate in the treatment of vulvovaginal candidiasis. It is active against a range of organisms including dermatophyte pathogens, *Malassezia furfur*, and *Candida albicans*. Application of fenticonazole nitrate 1 g intravaginal ovules on 2 alternate days is a suitable first-line treatment of vulvovaginitis with acceptable broad-spectrum efficacy against the most commonly involved pathogens and with a low rate of early relapse, reserving antibiotics for patients with treatment failure or relapse of infection [1].

References:

[1]. Fernandez-Alba, J., et al., Fenticonazole nitrate for treatment of vulvovaginitis: efficacy, safety, and tolerability of 1-gram ovules, administered as ultra-short 2-day regimen. *J Chemother*, 2004. 16(2): p. 179-86.

CAIndexNames:

1H-Imidazole, 1-[2-(2,4-dichlorophenyl)-2-[[4-(phenylthio)phenyl]methoxy]ethyl]-, nitrate (1:1)

SMILES:

[O-][N+](O)=O.ClC1=CC=C(C(OCC2=CC=C(SC3=CC=CC=C3)C=C2)CN4C=CN=C4)C(Cl)=C1

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 732-484-9848 Fax: 888-484-5008 E-mail: sales@ChemScene.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA