Fenticonazole

CAS Number: 72479-26-6
Molecular Weight: 455.4 g/mol
Molecular Formula: C_{24}H_{20}Cl_{2}N_{2}OS
Systematic (IUPAC): 1-{[2-{(2,4-dichlorophenyl)-2-{{[4-(phenylsulfanyl)phenyl]methoxy}ethyl}-1H-imidazole

Description
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.

**Uses and administration**
A 200-mg pessary is inserted into the vagina at bedtime for 3 nights or a 600-mg pessary is inserted once only at bedtime. Fenticonazole nitrate is also applied topically as a 2% cream or solution for the treatment of fungal skin infections.

**Adverse effects**
Burning and itching have been reported after the application of fenticonazole nitrate. Intravaginal preparations of fenticonazole may damage latex contraceptives and additional contraceptive measures are therefore necessary during local administration.

**How does it work?**
Fenticonazole is an antifungal which belongs to a class of drugs known as the imidazoles. Fenticonazole inhibits the production of a chemical called ergosterol, which is a component of the fungal cell membrane. Damage to this membrane cannot be repaired and this interferes with the fungal cell's ability to reproduce, hence the infection is controlled. Fenticonazole is used in the treatment of fungal infections of the skin and genitals.
What is it used for?
Vaginal thrush (candidiasis)

Warning!
There is a possibility that this preparation may damage latex condoms and diaphragms, and the effectiveness of these contraceptives may consequently be reduced. You should use an alternative method of contraception for at least five days after using this medicine. Prolonged use may cause sensitisation reactions.

Use with caution in
Children

Not to be used in
Allergy to any of the active ingredients
Allergy to other imidazole derivatives
This medicine should not be used if you are allergic to one or any of its ingredients. Please inform your doctor or pharmacist if you have previously experienced such an allergy.
If you feel you have experienced an allergic reaction, stop using this medicine and inform your doctor or pharmacist immediately.

Pregnancy and Breastfeeding
Certain medicines should not be used during pregnancy or breastfeeding. However, other medicines may be safely used in pregnancy or breastfeeding providing the benefits to the mother outweigh the risks to the unborn baby. Always inform your doctor if you are pregnant or planning a pregnancy, before using any medicine.
This medicine should be used with caution during pregnancy, and only if the expected benefit to the mother is greater than any possible risk to the foetus. Seek medical advice from your doctor.

This medicine should be used with caution by breastfeeding mothers, and only if the expected benefit to the mother is greater than any possible risk to the baby. Seek medical advice from your doctor.

**Side effects**

Medicines and their possible side effects can affect individual people in different ways. The following are some of the side effects that are known to be associated with this medicine. Because a side effect is stated here, it does not mean that all people using this medicine will experience that or any side effect.

**Burning sensation**

The side effects listed above may not include all of the side effects reported by the drug's manufacturer. For more information about any other possible risks associated with this medicine, please read the information provided with the medicine or consult your doctor or pharmacist.

**How can this medicine affect other medicines?**

Interactions are unlikely as there is little absorption of fenticonazole after vaginal application.
Mr. Vipin Saxena | CEO
Cellular: +91-98-21050033
Cellular: +91-98-20150033
Direct: +91-22-65785588
FAX: +91-22-42950001

Wireline Purchase HELPDESK:
  +91-22-65050001
  +91-22-65650001

Wireline Sales HELPDESK:
  +91-22-65500009
  +91-22-65050009

Wireless 24x7 HELPDESK:
  +9191-46-951951
  +9191-46-950950

Blackberry Pin:
32E6500D | 32E65010 | 28415C58

Email:
apollo@Hotmail.Co.in
Sales@apolollopharma.in
Export@apolollopharma.in
purchase@apolollopharma.in

www.apolloworld.in
www.apollopharma.in
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BlackBerry: 28415C58

Regd. Office:-
1104, Maker Chamber V,
Nariman Point
Mumbai, INDIA
Pin:400021

Industrial Office
D-62, OIC India

Oshiwara Industrial Centre,
New Link Road,
Goregoan West,
Mumbai, INDIA
Pin:400104

Manufacturing Unit Address:
Plot No. 117A,
Village: Chamble
Near MonaTona Limited.Wada,
Maharashtra,
PIN : 421312 | INDIA

Email:
apollo@Hotmail.Co.in
Sales@apollopaharma.in
Export@apollopaharma.in
purchase@apollopaharma.in

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