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Gris-PEG: Package Insert / Prescribing Info

Package insert / product label

Generic name: [griseofulvin](#)

Dosage form: tablet, film coated

Drug class: [Miscellaneous antifungals](#)

[Medically reviewed](#) by Drugs.com. Last updated on Mar 24, 2025.

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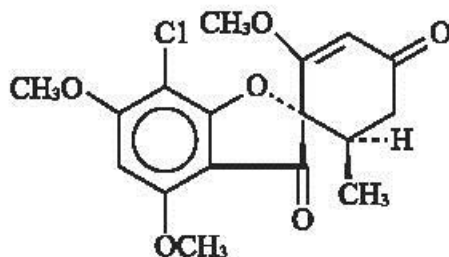
[Description](#)[Indications and Usage](#)[Contraindications](#)[Warnings](#)[Precautions](#)[Adverse Reactions/Side Effects](#)[Dosage and Administration](#)[How Supplied/Storage and Handling](#)[Storage and Handling](#)

Rx only

Gris-PEG Description

Gris-PEG[®] Tablets contain ultramicrosize crystals of griseofulvin, an antibiotic derived from a species of *Penicillium*.

The chemical name of griseofulvin, USP is 7-Chloro-2', 4,6-trimethoxy-6' β -methylspiro[benzofuran-2(3H),1'-[2]cyclohexene]-3,4'-dione. Its structural formula is:



$C_{17}H_{17}ClO_6$ M.W. 352.77

Griseofulvin, USP occurs as a white to creamy white, odorless powder which is very slightly soluble in water, soluble in

acetone, dimethylformamide, and chloroform and sparingly soluble in alcohol.

Each Gris-PEG tablet contains:

Active Ingredient: griseofulvin ultramicrosize 125 mg

Inactive Ingredients: Polyethylene Glycol 8000, Lactose Monohydrate, Colloidal Silicon Dioxide, Crospovidone, Magnesium Stearate, Methylparaben, Polyvinyl Alcohol, Titanium Dioxide, Polyethylene Glycol 3350, and Talc.

OR

Active Ingredient: griseofulvin ultramicrosize ... 250 mg

Inactive Ingredients: Polyethylene Glycol 8000, Magnesium Stearate, Sodium Lauryl Sulfate, Methylparaben, Polyvinyl Alcohol, Titanium Dioxide, Polyethylene Glycol 3350, and Talc.

CLINICAL PHARMACOLOGY

Microbiology

Griseofulvin is fungistatic with in vitro activity against various species of *Microsporum*, *Epidermophyton* and *Trichophyton*. It has no effect on bacteria or other genera of fungi.

Pharmacokinetics

Following oral administration, griseofulvin is deposited in the keratin precursor cells and has a greater affinity for diseased tissue. The drug is tightly bound to the new keratin which becomes highly resistant to fungal invasions.

The efficiency of gastrointestinal absorption of ultramicrocrystalline griseofulvin is approximately one and one-half times that of the conventional microsize griseofulvin. This factor permits the oral intake of two-thirds as much ultramicrocrystalline griseofulvin as the microsize form. However, there is currently no evidence that this lower dose confers any significant clinical differences with regard to safety and/or efficacy.

In a bioequivalence study conducted in healthy volunteers (N=24) in the fasted state, 250 mg ultramicrocrystalline griseofulvin tablets were compared with 250 mg ultramicrocrystalline griseofulvin tablets that were physically altered (crushed) and administered with applesauce. The 250 mg ultramicrocrystalline griseofulvin tablets were found to be bioequivalent to the physically altered (crushed) 250 mg ultramicro-crystalline griseofulvin tablets (See Table 1).

Table 1: Mean (\pm SD) of the Pharmacokinetic Parameters for Griseofulvin administered in applesauce as a Single Dose of Gris-PEG[®] 250-mg Tablets Uncrushed and Crushed to fasted Healthy Volunteers (N=24)

	250 mg Ultramicrocrystalline Griseofulvin Tablets Unaltered	250 mg Ultramicrocrystalline Griseofulvin Tablets Physically Altered (Crushed and in Applesauce)
C _{max} (ng/mL)	600.61 (\pm 167.6)	672.61 (\pm 146.2)
T _{max} (hr)	4.04 (\pm 2.2)	3.08 (\pm 1.02)
AUC (ng·hr/mL)	8618.89 (\pm 1907.2)	9023.71 (\pm 1911.5)

Indications and Usage for Gris-PEG

Gris-PEG (griseofulvin ultramicrosize) is indicated for the treatment of the following ringworm infections; tinea corporis (ringworm of the body), tinea pedis (athlete's foot), tinea cruris (ringworm of the groin and thigh), tinea barbae (barber's itch), tinea capitis (ringworm of the scalp), and tinea unguium (onychomycosis, ringworm of the nails), when caused by one or more of the following genera of fungi: *Trichophyton rubrum*, *Trichophyton tonsurans*, *Trichophyton mentagrophytes*, *Trichophyton interdigitalis*, *Trichophyton verrucosum*, *Trichophyton megnini*, *Trichophyton gallinae*, *Trichophyton crateriform*, *Trichophyton sulphureum*, *Trichophyton schoenleinii*, *Microsporum audouinii*, *Microsporum canis*, *Microsporum gypseum* and *Epidermophyton floccosum*. NOTE: Prior to therapy, the type of fungi responsible for the infection should be identified. The use of the drug is not justified in minor or trivial infections which will respond to topical agents alone. Griseofulvin is not effective in the following: bacterial infections, candidiasis (moniliasis), histoplasmosis, actinomycosis, sporotrichosis, chromoblastomycosis, coccidioidomycosis, North American blastomycosis, cryptococcosis (torulosis), tinea versicolor and nocardiosis.

Contraindications

Two cases of conjoined twins have been reported since 1977 in patients taking griseofulvin during the first trimester of pregnancy. Griseofulvin should not be prescribed to pregnant patients. If the patient becomes pregnant while taking this drug, the patient should be apprised of the potential hazard to the fetus.

This drug is contraindicated in patients with porphyria or hepatocellular failure and in individuals with a history of hypersensitivity to griseofulvin.

Warnings

Prophylactic Usage

Safety and efficacy of griseofulvin for prophylaxis of fungal infections have not been established.

Serious Skin Reactions

Severe skin reactions (e.g. Stevens-Johnson syndrome, toxic epidermal necrolysis) and erythema multiforme have been reported with griseofulvin use. These reactions may be serious and may result in hospitalization or death. If severe skin reactions occur, griseofulvin should be discontinued (see [ADVERSE REACTIONS](#) section).

Hepatotoxicity

Elevations in AST, ALT, bilirubin, and jaundice have been reported with griseofulvin use. These reactions may be serious and may result in hospitalization or death. Patients should be monitored for hepatic adverse events and discontinuation of griseofulvin considered if warranted (see [ADVERSE REACTIONS](#) section).

Animal Toxicology

Chronic feeding of griseofulvin, at levels ranging from 0.5%-2.5% of the diet resulted in the development of liver tumors in several strains of mice, particularly in males. Smaller particle sizes result in an enhanced effect. Lower oral dosage levels have not been tested. Subcutaneous administration of relatively small doses of griseofulvin once a week during the first three weeks of life has also been reported to induce hepatomata in mice. Thyroid tumors, mostly adenomas but some carcinomas, have been reported in male rats receiving griseofulvin at levels of 2.0%, 1.0% and 0.2% of the diet, and in female rats receiving the two higher dose levels. Although studies in other animal species have not yielded evidence of

tumorigenicity, these studies were not of adequate design to form a basis for conclusion in this regard. In subacute toxicity studies, orally administered griseofulvin produced hepatocellular necrosis in mice, but this has not been seen in other species. Disturbances in porphyrin metabolism have been reported in griseofulvin-treated laboratory animals. Griseofulvin has been reported to have a colchicine-like effect on mitosis and cocarcinogenicity with methylcholanthrene in cutaneous tumor induction in laboratory animals.

Usage in Pregnancy – see [CONTRAINDICATIONS](#) section.

Animal Reproduction Studies

It has been reported in the literature that griseofulvin was found to be embryotoxic and teratogenic on oral administration to pregnant rats. Pups with abnormalities have been reported in the litters of a few bitches treated with griseofulvin. Suppression of spermatogenesis has been reported to occur in rats, but investigation in man failed to confirm this.

Precautions

Patients on prolonged therapy with any potent medication should be under close observation. Periodic monitoring of organ system function, including renal, hepatic and hematopoietic, should be done. Since griseofulvin is derived from species of *Penicillium*, the possibility of cross-sensitivity with penicillin exists; however, known penicillin-sensitive patients have been treated without difficulty. Since a photosensitivity reaction is occasionally associated with griseofulvin therapy, patients should be warned to avoid exposure to intense natural or artificial sunlight. Lupus erythematosus or lupus-like syndromes have been reported in patients receiving griseofulvin. Griseofulvin decreases the activity of warfarin-type anticoagulants so that patients receiving these drugs concomitantly may require dosage adjustment of the anticoagulant during and after griseofulvin therapy. Barbiturates usually depress griseofulvin activity and concomitant administration may require a dosage adjustment of the antifungal agent. There have been reports in the literature of possible interactions between griseofulvin and oral contraceptives. The effect of alcohol may be potentiated by griseofulvin, producing such effects as tachycardia and flush.

Adverse Reactions/Side Effects

There have been post-marketing reports of severe skin and hepatic adverse events associated with griseofulvin use (see [WARNINGS](#) section).

When adverse reactions occur, they are most commonly of the hypersensitivity type such as skin rashes, urticaria, erythema multiforme-like drug reactions, and rarely, angioneurotic edema, and may necessitate withdrawal of therapy and appropriate countermeasures. Paresthesia of the hands and feet have been reported after extended therapy. Other side effects reported occasionally are oral thrush, nausea, vomiting, epigastric distress, diarrhea, headache, fatigue, dizziness, insomnia, mental confusion, and impairment of performance of routine activities. Proteinuria and leukopenia have been reported rarely. Administration of the drug should be discontinued if granulocytopenia occurs. When rare, serious reactions occur with griseofulvin, they are usually associated with high dosages, long periods of therapy, or both.

To report SUSPECTED ADVERSE REACTIONS, contact Valeant Pharmaceuticals North America LLC at 1-800-321-4576 or FDA at 1-800-FDA-1088 or www.fda.gov/medwatch.

Gris-PEG Dosage and Administration

Accurate diagnosis of infecting organism is essential. Identification should be made either by direct microscopic examination of a mounting of infected tissue in a solution of potassium hydroxide or by culture on an appropriate

medium. Medication must be continued until the infecting organism is completely eradicated as indicated by appropriate clinical or laboratory examination. Representative treatment periods are tinea capitis, 4 to 6 weeks; tinea corporis, 2 to 4 weeks; tinea pedis, 4 to 8 weeks; tinea unguium-depending on rate of growth-fingernails, at least 4 months; toenails, at least 6 months.

General measures in regard to hygiene should be observed to control sources of infection or reinfection. Concomitant use of appropriate topical agents is usually required, particularly in treatment of tinea pedis. In some forms of athlete's foot, yeasts and bacteria may be involved as well as fungi. Griseofulvin will not eradicate the bacterial or monilial infection.

Gris-PEG[®] tablets may be swallowed whole or crushed and sprinkled onto 1 tablespoonful of applesauce and swallowed immediately without chewing.

Adults: Daily administration of 375 mg (as a single dose or in divided doses) will give a satisfactory response in most patients with tinea corporis, tinea cruris, and tinea capitis. For those fungal infections more difficult to eradicate, such as tinea pedis and tinea unguium, a divided dose of 750 mg is recommended.

Pediatric Use: Approximately 7.3 mg per kg of body weight per day of ultramicrosize griseofulvin is an effective dose for most pediatric patients. On this basis, the following dosage schedule is suggested:

16-27 kg: 125 mg to 187.5 mg daily

over 27 kg: 187.5 mg to 375 mg daily

Children and infants 2 years of age and younger – dosage has not been established. Clinical experience with griseofulvin in children with tinea capitis indicates that a single daily dose is effective. Clinical relapse will occur if the medication is not continued until the infecting organism is eradicated.

How is Gris-PEG supplied

Gris-PEG[®] (griseofulvin ultramicrosize) Tablets, 125 mg, white scored, elliptical-shaped, embossed "Gris-PEG" on one side and "125" on the other. The 125 mg strength is film-coated and is available in bottles of 100 (NDC 0884-0763-04).

Gris-PEG (griseofulvin ultramicrosize) Tablets, 250 mg, white scored, capsule-shaped, embossed "Gris-PEG" on one side and "250" on the other. The 250 mg strength is film-coated and is available in bottles of 100 (NDC 0884-0773-04).

Storage and Handling

Store Gris-PEG tablets at controlled room temperature 15° to 30°C (59° to 86°F) in tight, light-resistant containers.

Manufactured for:

Valeant Pharmaceuticals North America LLC
Bridgewater, NJ 08807 USA

By:

Valeant Pharmaceuticals International, Inc.
Laval, Quebec, Canada, H7L 4A8

Gris-PEG is a trademark of Valeant Pharmaceuticals International, Inc. or its affiliates.

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PACKAGE LABEL – PRINCIPAL DISPLAY PANEL – 125 mg 100 count

NDC 0884-0763-04

Rx only

GRIS-PEG®

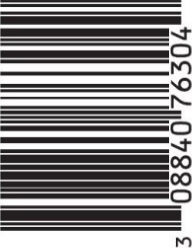


(griseofulvin ultramicrosize)

Tablets, USP

125 mg

100 Tablets

VALEANT

 0884076304 9 3	NDC 0884-0763-04	Rx only	Each tablet contains griseofulvin ultramicrosize 125 mg.
	GRIS - PEG® (griseofulvin ultramicrosize) Tablets, USP 125 mg		Usual Dosage: Read package insert for prescribing information. Store at controlled room temperature at 15° to 30°C (59° to 86°F) in tight, light-resistant containers.
	100 Tablets	 VALEANT	Manufactured for: Valeant Pharmaceuticals North America LLC Bridgewater, NJ 08807 USA By: Valeant Pharmaceuticals International, Inc. Laval, Quebec, Canada, H7L 4A8 Product of Canada  9469901 20000978A

PACKAGE LABEL – PRINCIPAL DISPLAY PANEL – 250 mg 100 count

NDC 0884-0773-04

Rx only

GRIS-PEG®

(griseofulvin ultramicrosize)

Tablets, USP

250 mg

100 Tablets

VALEANT



NDC 0884-0773-04

Rx only

GRIS - PEG[®]
(griseofulvin ultramicrosize)
Tablets, USP
250 mg

100 Tablets



VALEANT

Each tablet contains
griseofulvin ultramicrosize 250 mg.

Usual Dosage: Read package
insert for prescribing information.

Store at controlled room
temperature at 15° to 30°C
(59° to 86°F) in tight,
light-resistant containers.

Manufactured for:
Valeant Pharmaceuticals
North America LLC
Bridgewater, NJ 08807 USA

By:
Valeant Pharmaceuticals
International, Inc.
Laval, Quebec, Canada, H7L 4A8
Product of
Canada



9470002

20000979B

GRIS-PEG
griseofulvin tablet, film coated

Product Information				
Product Type		HUMAN PRESCRIPTION DRUG	Item Code (Source)	NDC:0884-0773
Route of Administration		ORAL		
Active Ingredient/Active Moiety				
Ingredient Name			Basis of Strength	Strength
griseofulvin (UNII: 32HRV3E3D5) (griseofulvin - UNII:32HRV3E3D5)			griseofulvin	250 mg
Inactive Ingredients				
Ingredient Name				Strength
polyethylene glycol 8000 (UNII: Q662QK8M3B)				
magnesium stearate (UNII: 70097M6I3O)				
sodium lauryl sulfate (UNII: 368GB5141J)				
methylparaben (UNII: A2I8C7HI9T)				
POLYVINYL ALCOHOL, UNSPECIFIED (UNII: 532B59J990)				
titanium dioxide (UNII: 15FIX9V2JP)				
POLYETHYLENE GLYCOL 3350 (UNII: G2M7P15E5P)				
TALC (UNII: 7SEV7J4R1U)				
Product Characteristics				
Color		WHITE	Score	2 pieces
Shape		OVAL (CAPSULE-SHAPED)	Size	16mm
Flavor			Imprint Code	GRIS;PEG;250
Contains				
Packaging				
#	Item Code	Package Description	Marketing Start Date	Marketing End Date
1	NDC:0884-0773-04	100 in 1 BOTTLE, PLASTIC; Type 0: Not a Combination Product	07/26/2016	
Marketing Information				
Marketing Category		Application Number or Monograph Citation	Marketing Start Date	Marketing End Date
NDA		NDA050475	07/26/2016	

GRIS-PEG
griseofulvin tablet, film coated

Product Information				
Product Type	HUMAN PRESCRIPTION DRUG	Item Code (Source)	NDC:0884-0763	
Route of Administration	ORAL			
Active Ingredient/Active Moiety				
Ingredient Name		Basis of Strength	Strength	
griseofulvin (UNII: 32HRV3E3D5) (griseofulvin - UNII:32HRV3E3D5)		griseofulvin	125 mg	
Inactive Ingredients				
Ingredient Name			Strength	
polyethylene glycol 8000 (UNII: Q662QK8M3B)				
LACTOSE MONOHYDRATE (UNII: EWQ57Q8I5X)				
SILICON DIOXIDE (UNII: ETJ7Z6XBU4)				
CROSPVIDONE (15 MPAS AT 5%) (UNII: 68401960MK)				
magnesium stearate (UNII: 70097M6I30)				
methylparaben (UNII: A2I8C7HI9T)				
POLYVINYL ALCOHOL, UNSPECIFIED (UNII: 532B59J990)				
titanium dioxide (UNII: 15FIX9V2JP)				
POLYETHYLENE GLYCOL 3350 (UNII: G2M7P15E5P)				
TALC (UNII: 7SEV7J4R1U)				
Product Characteristics				
Color	WHITE	Score	2 pieces	
Shape	OVAL (ELLIPTICAL)	Size	19mm	
Flavor		Imprint Code	GRIS;PEG;125	
Contains				
Packaging				
#	Item Code	Package Description	Marketing Start Date	Marketing End Date
1	NDC:0884-0763-04	100 in 1 BOTTLE, PLASTIC; Type 0: Not a Combination Product	07/26/2016	
Marketing Information				
Marketing Category	Application Number or Monograph Citation		Marketing Start Date	Marketing End Date
NDA	NDA050475		07/26/2016	

Labeler - Pedinol Pharmacal, Inc. (064737125)

Establishment

Name	Address	ID/FEI	Business Operations
Valeant Pharmaceuticals International, Inc		245141858	MANUFACTURE(0884-0773, 0884-0763)

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- [Drug class: miscellaneous antifungals](#)

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- [Gris-PEG](#)

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- [Griseofulvin monograph](#)
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- [Onychomycosis, Fingernail](#)
- [Tinea Barbae](#)


[Medical Disclaimer](#)

DRUG STATUS

Availability

Rx Prescription only


Pregnancy & Lactation

 Risk data available

CSA Schedule*

N/A Not a controlled drug

Approval History

 Drug history at FDA

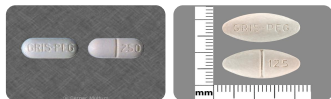


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Images

[Gris-PEG ultramicrocrystalline 250 mg \(GRIS-PEG 250\)](#)



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