

**SUGGESTED FORMULA**

Fluconazole 100 mg in Polyethylene Glycol 1450 Troche

Version number: 1.0

Volume or quantity: 24 Troches

Fluconazole 100mg Tablets*	#24
Colloidal Silicon Dioxide, NF, EP (S1510)	0.240 gm
Stevioside (S1964)	0.480 gm
Xanthan Gum, NF (XA105)	0.400 gm
Flavor, Choice **	0.24 mL
Polyethylene Glycol 1450 MW, NF (P1492)	19.3 gm

This preparation should be compounded in a biological safety cabinet or compounding aseptic containment isolator

Calibrate Troche Mold and adjust formula as needed. This formula is based on approximately 1 g per troche. Flavors may be adjusted according to the patient's preference. Do not increase. Flavor oils may be added from 0.002 mL to 0.025mL per troche. Assume 80% displacement of PEG if powders are added or deleted.

**If using mint oils to flavor add only a few drops.

SUGGESTED COMPOUNDING PROCEDURES

1. Calculate the required quantity of each ingredient for the total amount to be prepared
2. Accurately weigh and/or measure each ingredient
3. Triturate the first 4 powders together to even particle size
4. Melt the PEG 1450 to 50°C and add the powders while stirring, then add flavoring of choice
5. Pour into troche mold, after cooling smooth with a warm spatula
6. Suggested Quality assessments:
 - a. color, texture, appearance
 - b. troche cavity filled / not overfilled
 - c. mixing and filling/potency studies
 - d. Label - auxiliary labels, storage, BUD, compounded medication

Store in air-tight container, at Controlled room temperature.

No claims are made as to the safety or efficacy of this preparation. This formulation is provided solely at the unsolicited request of the pharmacist.

Beyond-Use Dates of preparations are conservative estimates from reference books, peer-reviewed literature, and intended duration of therapy, formulation from commercially available products, organoleptic observations and current USP guidelines. Compounders may have stability studies performed by a reputable laboratory if they wish to extend the Beyond-Use Date.

It is recommended that you follow USP <795> recommendations for potency testing.

Beyond-Use Date should be assigned based on the current USP Chapter <795>.

Precautions:

Precautions should be taken to prevent cross-contamination and exposure of ingredients to the compounder and contamination of the preparation by the compounder. Wear appropriate protective equipment. Use safety enclosures (hoods) when weighing and mixing.

*Hazardous drugs should be handled according to USP <800>, NIOSH standards and pharmacy SOPs. This preparation should be compounded in a biological safety cabinet or compounding aseptic containment isolator. Precautions should be taken to prevent cross-contamination and exposure of ingredients to the compounder and contamination of the preparation by the compounder. Wear appropriate personal protective equipment.

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