

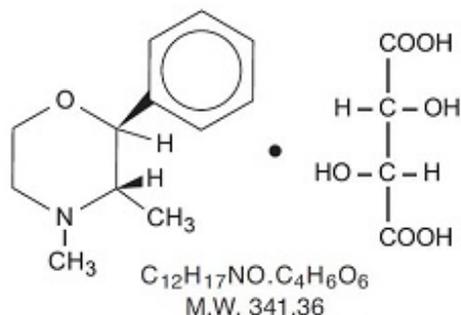
PHENDIMETRAZINE TARTRATE- phendimetrazine tartrate tablet
Virtus Pharmaceuticals, LLC

Phendimetrazine Tartrate Tablets USP, 35 mg CIII
Rx only

DESCRIPTION

Phendimetrazine tartrate, as the dextro isomer, has the chemical name of (2*s*,3*s*)-3,4-dimethyl-2-phenylmorpholine L-(+)-tartrate (1:1).

The structural formula is as follows:



Phendimetrazine tartrate is a white, odorless crystalline powder. It is freely soluble in water; sparingly soluble in warm alcohol; insoluble in chloroform, acetone, ether and benzene.

Each tablet, for oral administration, contains 35 mg of phendimetrazine tartrate.

Inactive Ingredients: confectioner's sugar (sucrose and corn starch), lactose monohydrate, povidone, pregelatinized starch, silicon dioxide and stearic acid. The yellow tablets also contain: FD&C yellow No. 5 (see **PRECAUTIONS**).

CLINICAL PHARMACOLOGY

Phendimetrazine tartrate is a phenylalkylamine sympathomimetic amine with pharmacological activity similar to the prototype drugs of this class used in obesity, the amphetamines. Actions include central nervous system stimulation and elevation of blood pressure. Tachyphylaxis and tolerance have been demonstrated with all drugs of this class in which these phenomena have been looked for.

Drugs of this class used in obesity are commonly known as "anorectics" or "anorexigenics". It has not been established, however, that the action of such drugs in treating obesity is primarily one of appetite suppression. Other central nervous system actions or metabolic effects, may be involved, for example.

Adult obese subjects instructed in dietary management and treated with "anorectic" drugs lose more weight on the average than those treated with placebo and diet, as determined in relatively short term clinical trials.

The magnitude of increased weight loss of drug-treated patients over placebo-treated patients is only a fraction of a pound a week. The rate of weight loss is greatest in the first weeks of therapy for both drug and placebo subjects and tends to decrease in succeeding weeks. The possible origins of the increased weight loss due to the various drug effects are not established. The amount of weight loss associated with the use of an anorectic drug varies from trial to trial and the increased weight loss appears to be related in part to variables other than the drug prescribed, such as the physician

investigator, the population treated and the diet prescribed. Studies do not permit conclusions as to the relative importance of the drug and non-drug factors on weight loss.

The natural history of obesity is measured in years, whereas the studies cited are restricted to a few weeks duration, thus, the total impact of drug-induced weight loss over that of diet alone must be considered clinically limited.

INDICATIONS AND USAGE

Phendimetrazine tartrate tablets are indicated in the management of exogenous obesity as a short term adjunct (a few weeks) in a regimen of weight reduction based on caloric restriction. The limited usefulness of agents of this class (see **CLINICAL PHARMACOLOGY**) should be measured against possible risk factors inherent in their use such as those described below.

CONTRAINDICATIONS

Known hypersensitivity or idiosyncratic reactions to sympathomimetics.

Advanced arteriosclerosis, symptomatic cardiovascular disease, moderate and severe hypertension, hyperthyroidism and glaucoma.

Highly nervous or agitated patients.

Patients with a history of drug abuse.

Patients taking other CNS stimulants, including monoamine oxidase inhibitors.

WARNINGS

Tolerance to the anorectic effect of phendimetrazine develops within a few weeks. When this occurs, its use should be discontinued; the maximum recommended dose should not be exceeded.

Use of phendimetrazine tartrate within 14 days following the administration of monoamine oxidase inhibitors may result in a hypertensive crisis.

Abrupt cessation of administration following prolonged high dosage results in extreme fatigue and depression. Because of the effect on the central nervous system, phendimetrazine may impair the ability of the patient to engage in potentially hazardous activities such as operating machinery or driving a motor vehicle; the patient should therefore be cautioned accordingly.

PRECAUTIONS

Caution is to be exercised in prescribing phendimetrazine tartrate for patients with even mild hypertension.

Insulin requirements in diabetes mellitus may be altered in association with the use of phendimetrazine and the concomitant dietary regimen.

Phendimetrazine may decrease the hypotensive effect of guanethidine.

The least amount feasible should be prescribed or dispensed at one time in order to minimize the possibility of overdose.

The phendimetrazine tartrate yellow tablets contain FD&C yellow No. 5 (tartrazine) which may cause allergic type reactions (including bronchial asthma) in certain susceptible individuals. Although the overall incidence of FD&C yellow No. 5 (tartrazine) sensitivity in the general population is low, it is frequently seen in patients who also have aspirin hypersensitivity.

Usage in Pregnancy

Safe use in pregnancy has not been established. Until more information is available, phendimetrazine tartrate should not be taken by women who are or who may become pregnant unless, in the opinion of the physician, the potential benefits outweigh the possible hazards.

Usage in Children

Phendimetrazine tartrate is not recommended for use in children under 12 years of age.

ADVERSE REACTIONS

Cardiovascular: Palpitation, tachycardia, elevated blood pressure.

Central Nervous System: Overstimulation, restlessness, insomnia, agitation, flushing, tremor, sweating, dizziness, headache, psychotic state, blurring of vision.

Gastrointestinal: Dryness of the mouth, nausea, diarrhea, constipation, stomach pain.

Genitourinary: Urinary frequency, dysuria, changes in libido.

DRUG ABUSE AND DEPENDENCE

Controlled Substance

Phendimetrazine tartrate tablets are defined by the Drug Enforcement Administration as a Schedule III controlled substance.

Dependence

Phendimetrazine tartrate is related chemically and pharmacologically to the amphetamines. Amphetamines and related stimulant drugs have been extensively abused and the possibility of abuse of phendimetrazine should be kept in mind when evaluating the desirability of including a drug as part of a weight reduction program. Abuse of amphetamines and related drugs may be associated with intense psychological dependence and severe social dysfunction. There are reports of patients who have increased the dosage to many times that recommended. Abrupt cessation following prolonged high dosage administration results in extreme fatigue and mental depression; changes are also noted on the sleep EEG. Manifestations of chronic intoxication with anorectic drugs include severe dermatoses, marked insomnia, irritability, hyperactivity and personality changes. The most severe manifestation of chronic intoxications is psychosis, often clinically indistinguishable from schizophrenia.

OVERDOSAGE

Acute overdosage with phendimetrazine tartrate may manifest itself by the following signs and symptoms: unusual restlessness, confusion, belligerence, hallucinations and panic states. Fatigue and depression usually follow the central stimulation. Cardiovascular effects include arrhythmias, hypertension or hypotension and circulatory collapse. Gastrointestinal symptoms include nausea, vomiting, diarrhea and abdominal cramps. Poisoning may result in convulsions, coma and death.

The management of overdosage is largely symptomatic. It includes sedation with a barbiturate. If hypertension is marked, the use of a nitrate or rapid-acting alpha receptor-blocking agent should be considered. Experience with hemodialysis or peritoneal dialysis is inadequate to permit recommendations for its use.

DOSAGE AND ADMINISTRATION

Usual Adult Dose: 1 tablet (35 mg) b.i.d. or t.i.d., one hour before meals.

Dosage should be individualized to obtain an adequate response with the lowest effective dosage. In

some cases 1/2 tablet (17.5 mg) per dose may be adequate. Dosage should not exceed 2 tablets t.i.d.

HOW SUPPLIED

Phendimetrazine Tartrate Tablet 35 mg is a yellow, bisected, round tablet; imprinted "E 76".

NDC 69543-410-10 bottles of 100 tablets

NDC 69543-410-11 bottles of 1000 tablets

Storage

Store at 20° to 25°C (68° to 77°F) [see USP Controlled Room Temperature]. Protect from moisture.

Dispense in a tight, light-resistant, container as defined in the USP, with a child-resistant closure (as required).

To report SUSPECTED ADVERSE REACTIONS, contact Virtus Pharmaceuticals, LLC at 1-888-848-3593 or FDA at 1-800-FDA-1088 or www.fda.gov/medwatch.

Distributed by
Virtus Pharmaceuticals, LLC
Langhorne, PA 19047

Rev. 06/2018

MF4055REV06/18

OE2826

PACKAGE/LABEL PRINCIPAL DISPLAY PANEL

No Varnish	<p>Each tablet contains: Phendimetrazine Tartrate, USP 35 mg. USUAL DOSAGE: See accompanying literature for complete prescribing information. Store at 20° to 25°C (68° to 77°F) [see USP Controlled Room Temperature]. Protect from moisture. Dispense contents in a tight, light-resistant container as defined in the USP with a child-resistant closure, as required. KEEP TIGHTLY CLOSED. KEEP OUT OF THE REACH OF CHILDREN. Distributed by Virtus Pharmaceuticals, LLC Langhorne, PA 19047 LE4013 Rev. 06/2018</p>	<p>NDC 69543-410-11</p> <h1>Phendimetrazine Tartrate Tablets, USP</h1>  <p>35 mg Contains FD&C Yellow No. 5 (tartrazine) as a color additive.</p> <p>Rx Only 1000 Tablets</p> 	 <p>69543-410-11</p> <p>N 3</p>

Phendimetrazine Tartrate Tablets, USP 35 mg, 1000s Label Text

NDC 69543-410-11

**Phendimetrazine
Tartrate
Tablets, USP CIII**

35 mg

Contains FD&C Yellow No. 5
(tartrazine) as a color additive.

Rx Only

1000 Tablets

VIRTUS[®]

Pharmaceuticals

PHENDIMETRAZINE TARTRATE

phendimetrazine tartrate tablet

Product Information

Product Type	HUMAN PRESCRIPTION DRUG	Item Code (Source)	NDC:69543-410
Route of Administration	ORAL	DEA Schedule	CIII

Active Ingredient/Active Moiety

Ingredient Name	Basis of Strength	Strength
PHENDIMETRAZINE TARTRATE (UNII: 6985IP0T80) (PHENDIMETRAZINE - UNII:AB2794W8KV)	PHENDIMETRAZINE TARTRATE	35 mg

Inactive Ingredients

Ingredient Name	Strength
STARCH, CORN (UNII: O8232NY3SJ)	
FD&C YELLOW NO. 5 (UNII: I753WB2F1M)	
LACTOSE MONOHYDRATE (UNII: EWQ57Q8I5X)	
POVIDONE, UNSPECIFIED (UNII: FZ989GH94E)	
SILICON DIOXIDE (UNII: ETJ7Z6XBU4)	
STEARIC ACID (UNII: 4ELV7Z65AP)	
SUCROSE (UNII: C151H8M554)	

Product Characteristics

Color	YELLOW	Score	2 pieces
Shape	ROUND	Size	7mm
Flavor		Imprint Code	E;76
Contains			

Packaging

#	Item Code	Package Description	Marketing Start Date	Marketing End Date
1	NDC:69543-410-11	1000 in 1 BOTTLE; Type 0: Not a Combination Product	07/01/2018	
2	NDC:69543-410-10	100 in 1 BOTTLE; Type 0: Not a Combination Product	07/01/2018	

Marketing Information

Marketing Category	Application Number or Monograph Citation	Marketing Start Date	Marketing End Date
ANDA	ANDA085588	07/01/2018	

