



PFIZER
COFREL*
benproperine



DESCRIPTION

COFREL brand of benproperine is 1-[2-(2-benzylphenoxy)-1-methylethy] piperidine. The chemical formula is $C_{21}H_{27}NO$ and its molecular weight is 309.43.

COFREL tablets contain benproperine phosphate equivalent to 20 mg of the base. Benproperine phosphate is a white crystalline compound soluble in water, ethanol, methanol, and acetic acid, and is slightly soluble in ethyl acetate, absolute ethanol, and ether.

ACTIONS

COFREL is two to four times as potent as codeine in suppressing cough in animals. It acts peripherally by blocking afferent sensory nerve impulses originating from receptors in the lungs and pleura. It also has some direct depressant effect on the cough center. The mechanism of action of COFREL differs from that of codeine and is such that it does not significantly depress respiration.

COFREL has a papaverine-like effect on smooth muscle. In humans it does not cause spasm or contraction of the biliary tract or duodenum. It is not constipating. Addiction or habituation has not been observed.

INDICATIONS

Symptomatic relief of cough.

CONTRAINDICATIONS

COFREL is contraindicated in patients known to be hypersensitive.

WARNINGS

Use During pregnancy

Although no teratogenic effects were seen in animal studies, the safety of benproperine during pregnancy has not been established.

Accordingly, it should only be used when in the opinion of the physician potential benefit outweighs potential risk.

PRECAUTIONS

An anesthetic effect on the oral mucous membrane may occur occasionally, but may be avoided by swallowing the drug quickly with water without crushing the tablet.

ADVERSE REACTIONS

The following adverse reactions may occasionally occur: dryness of the mouth, thirst, drowsiness, fatigue, dizziness, heartburn, anorexia, abdominal discomfort, and exanthema.

DOSAGE AND ADMINISTRATION

Tablets: **For Adults**

1 or 2 tablets three times daily, according to severity of cough.

Tablets should be swallowed whole and not chewed.

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May 1995

PFIZER INC.
NEW YORK, N.Y., U.S.A.