

feces; in geriatric patients, elimination rate decreased, bioavailability increased

## INTERACTIONS

**Increase:** effect, toxicity of diazepam, digoxin, penicillins, saquinavir, cilostazol, clozapine, those drugs metabolized by CYP2C19

**Increase:** effect of methotrexate, tacrolimus, warfarin

**Decrease:** effect—atazanavir, nelfinavir, dapsone, iron, itraconazole, ketoconazole, indinavir, calcium carbonate, vit B<sub>12</sub>, clopidogrel, iron salts, mycophenolate

### Drug/Lab Test

**Interference:** sodium, Hgb, WBC, platelets, magnesium  
False-positive CgA

## NURSING CONSIDERATIONS

### Assess:

- **GI system:** bowel sounds, abdomen for pain, swelling, anorexia, bloody stools; CDAD may occur

- **Hepatic failure, hepatitis:** AST, ALT, alk phos at baseline and periodically during treatment

- **Serious skin disorders:** Stevens-Johnson syndrome, toxic epidermal necrolysis, exfoliative dermatitis

- **Pregnancy/breastfeeding:** use only if benefits clearly outweigh risks to fetus; do not breastfeed

### Evaluate:

- Therapeutic response: absence of epigastric pain, swelling, fullness, decreased GERD

### Teach patient/family:

- To report severe diarrhea, abdominal pain, black tarry stools, rash; product may have to be discontinued

- That hypoglycemia may occur if diabetic

- To avoid hazardous activities; dizziness may occur

- To notify provider if pregnancy is planned or suspected or if breastfeeding

- To avoid alcohol, salicylates, NSAIDs; may cause GI irritation

- To take  $\geq 1$  hr before meal; not to crush, chew del rel product; if missed, to take as soon as remembered if not almost

time for next dose; to take full course prescribed; to read “Patient Information”

- That if cap is unable to be swallowed whole, contents may be mixed with a Tbsp of applesauce

- To notify provider of all OTC, Rx, or herbal products taken

- **Hypomagnesemia:** to notify prescriber of dizziness, fast heartbeat, tremors, weakness, spasm, cramps

## estradiol (Rx)

(es-tra-dye'ole)

Estrace

## estradiol cypionate (Rx)

Depo-Estradiol

## estradiol gel (Rx)

Divigel, Elestrin, Estrogel

## estradiol spray (Rx)

Evamist

## estradiol topical emulsion (Rx)

Estrasorb

## estradiol transdermal system (Rx)

Alora, Climara, Minivelle, Vivelle-Dot

## estradiol vaginal ring (Rx)

Estring, Femring

## estradiol vaginal tablet (Rx)

Vagifem

## estradiol valerate (Rx)

Delestrogen

*Func. class.:* Estrogen, progestins

### Do not confuse:

Alora/Aldora

**ACTION:** Needed for adequate functioning of female reproductive system; affects release of pituitary gonadotropins; inhibits ovulation; adequate calcium use in bone