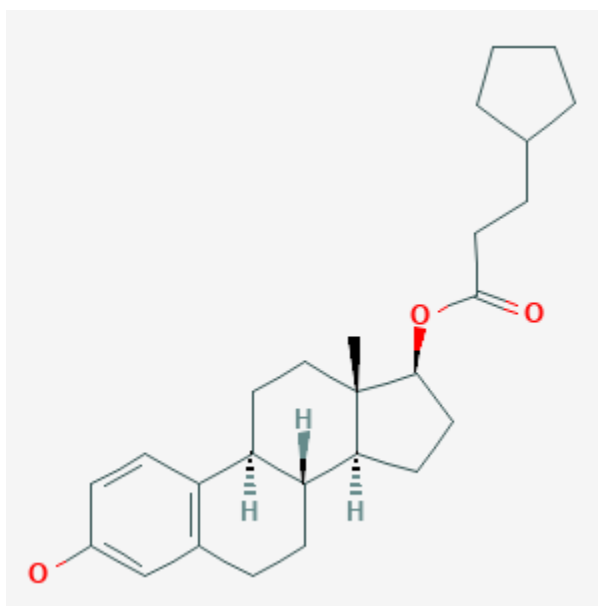




Estradiol Cypionate

Revised: December 3, 2018.

CASRN: 313-06-4



Drug Levels and Effects

Summary of Use during Lactation

Estradiol cypionate has not been studied during breastfeeding. However, the similar drug, estradiol valerate, has been used to suppress lactation, usually in combination with testosterone. Generally, estradiol cypionate should be avoided in mothers wishing to breastfeed.

Drug Levels

Maternal Levels. Relevant published information on estradiol cypionate was not found as of the revision date. However, estradiol appears in breastmilk in small amounts after administration by other routes.[1][2]

Infant Levels. Relevant published information was not found as of the revision date.

Effects in Breastfed Infants

Relevant published information was not found as of the revision date.

Effects on Lactation and Breastmilk

Another injection ester form of estradiol, estradiol valerate was previously used therapeutically to suppress lactation, usually in combination with testosterone.[3][4][5]

A retrospective cohort study compared 371 women who received high-dose estrogen (either 3 mg of diethylstilbestrol or 150 mcg of ethinyl estradiol daily) during adolescence for adult height reduction to 409 women who did not receive estrogen. No difference in breastfeeding duration was found between the two groups, indicating that high-dose estrogen during adolescence has no effect on later breastfeeding.[6]

Alternate Drugs to Consider

Ethinyl Estradiol

References

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3. Louviere RL, Upton RT. Evaluation of Deladumone OB in the suppression of postpartum lactation. *Am J Obstet Gynecol.* 1975;121:641-2. PubMed PMID: 1090174.
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Substance Identification

Substance Name

Estradiol Cypionate

CAS Registry Number

313-06-4

Drug Class

Breast Feeding

Lactation

Estrogens

Hormones