

[Open Peer Review on Qeios](#)

Therapeutic Estradiol

National Cancer Institute

Source

National Cancer Institute. *Therapeutic Estradiol*. NCI Thesaurus. Code C478.

A steroid sex hormone vital to the maintenance of fertility and secondary sexual characteristics in females. Typically esterified, estradiol derivatives are formulated for oral or parenteral administration. As the primary, most potent estrogen hormone produced by the ovaries, estradiol binds to and activates specific nuclear receptors. Estradiol exhibits mild anabolic and metabolic properties, and increases blood coagulability.