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Estropipate

National Cancer Institute

Source

National Cancer Institute. *Estropipate*. NCI Thesaurus. Code C47521.

A natural estrogenic substance composed of estrone sulfate and piperazine. Estropipate diffuses through the cell membrane and binds to and subsequently activates the nuclear estrogen receptor found in the reproductive tract, breast, pituitary, hypothalamus, liver, and bone. The activated complex binds to the estrogen response element on the DNA and activates the transcription of genes involved in the functioning of the female reproductive system and secondary sex characteristics.