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Pipendoxifene

National Cancer Institute

Source

National Cancer Institute. *Pipendoxifene*. NCI Thesaurus. Code C1874.

A nonsteroidal 2-phenyl indole and a selective estrogen receptor modulator (SERM) with potential antineoplastic activity. Pipendoxifene antagonizes binding of estradiol to estrogen receptor alpha (ER alpha), thereby inhibiting ER alpha-mediated gene expression, interfering with estrogen activity and inhibiting estrogen-stimulated growth in estrogen-dependent breast cancer. In addition, this agent also exerts intrinsic estrogenic activity depending on the tissue types.