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Fluoxymesterone

National Cancer Institute

Source

National Cancer Institute. *Fluoxymesterone*. NCI Thesaurus. Code C507.

A halogenated derivative of 17-alpha-methyltestosterone. Similar to testosterone, fluoxymesterone binds to and activates specific nuclear receptors, resulting in an increase in protein anabolism, a decrease in amino acid catabolism, and retention of nitrogen, potassium, and phosphorus. This agent also may competitively inhibit prolactin receptors and estrogen receptors, thereby inhibiting the growth of hormone-dependent tumor lines. Fluoxymesterone is approximately five times more potent than methyltestosterone. (NCI04)