

[Open Peer Review on Qeios](#)

Testosterone Isobutyrate

National Cancer Institute

Source

National Cancer Institute. *Testosterone Isobutyrate*. NCI Thesaurus. Code C1248.

An four-carbon ester form of T estosterone. T he number of ester carbon atoms correlate with the half-life of the prodrug. T estosterone inhibits gonadotropin secretion from the pituitary gland and ablates estrogen production in the ovaries, thereby decreasing endogenous estrogen levels. In addition, this agent promotes the maintenance of male sex characteristics and is indicated for testosterone replacement in hypogonadal males. (NCI04)