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# Buserelin

National Cancer Institute

## Source

National Cancer Institute. *Buserelin*. NCI Thesaurus. Code C320.

A synthetic analog of gonadotropin-releasing hormone (GnRH). Buserelin binds to and activates pituitary gonadotropin releasing hormone (GnRH) receptors. Prolonged administration of buserelin results in sustained inhibition of gonadotropin production, suppression of testicular and ovarian steroidogenesis, and reduced levels of circulating gonadotropin and gonadal steroids. Buserelin is more potent than GnRH. (NCI04)