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# Oxymetholone

National Cancer Institute

## Source

National Cancer Institute. *Oxymetholone*. NCI Thesaurus. Code C723.

An orally active synthetic anabolic steroid and a 17alpha-methylated derivative of dihydrotestosterone, with androgenic activity. Although oxymetholone has low affinity for binding the androgen receptor (AR), it strongly activates AR-mediated signaling, which stimulates both protein synthesis and erythropoietin production. This agent may stimulate muscle growth, induce hemoglobin production and red blood cell formation, and promote increased bone density.