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# 5 Alpha-Reductase Inhibitor

National Cancer Institute

## Source

National Cancer Institute. *5 Alpha-Reductase Inhibitor*. NCI Thesaurus. Code C2319.

Any substance that inhibits steroid 5-alpha-reductase, an enzyme that converts testosterone into dihydrotestosterone (DHT). Since DHT has three times greater affinity for androgen receptors than testosterone, inhibition of 5-alpha-reductase results in a strong reduction in the androgenic effects of testosterone.