Finasteride is an inhibitor of steroid 5α-reductase that decreases metabolism of testosterone, decreasing cell proliferation and fluid production in the prostate; it is clinically used to treat benign prostatic hyperplasia (BPH) and male pattern baldness. Finasteride also exhibits antifungal and anticancer chemotherapeutic activities. Finasteride inhibits growth of *Candida*. Additionally, finasteride suppresses regrowth of regressed prostate tumors and inhibits cell proliferation in vivo and in vitro in short term application models.

**Product Information**

**Product ID**  F3354  
**CAS No.**  98319-26-7  
**Chemical Name**  (5α,17β)-N-(1,1-Dimethylethyl)-3-oxo-azaandrost-1-ene-17-carboxamide  
**Synonym**  Finastid, Propecia, Proscar, Prostide  

**Formula**  C_{23}H_{36}N_{2}O_{2}  
**Formula Wt.**  372.54  
**Melting Point**  252-254°C or 257°C  
**Purity**  ≥98%  
**Solubility**  Soluble in chloroform, DMSO, ethanol and methanol. Slightly soluble in water.  
**Store Temp**  Ambient  
**Ship Temp**  Ambient  

**Description**  Finasteride is an inhibitor of steroid 5α-reductase that decreases metabolism of testosterone, decreasing cell proliferation and fluid production in the prostate; it is clinically used to treat benign prostatic hyperplasia (BPH) and male pattern baldness. Finasteride also exhibits antifungal and anticancer chemotherapeutic activities. Finasteride inhibits growth of *Candida*. Additionally, finasteride suppresses regrowth of regressed prostate tumors and inhibits cell proliferation in vivo and in vitro in short term application models.

**References**


**Caution:** This product is intended for laboratory and research use only. It is not for human or drug use.