

Finasteride

Catalog No: tcsc1767



Available Sizes

Size: 100mg

Size: 200mg



Specifications

CAS No:

98319-26-7

Formula:

$C_{23}H_{36}N_2O_2$

Pathway:

Metabolic Enzyme/Protease

Target:

5 alpha Reductase

Purity / Grade:

>98%

Solubility:

DMSO : 150 mg/mL (402.64 mM; Need ultrasonic)

Alternative Names:

MK-906

Observed Molecular Weight:

372.54

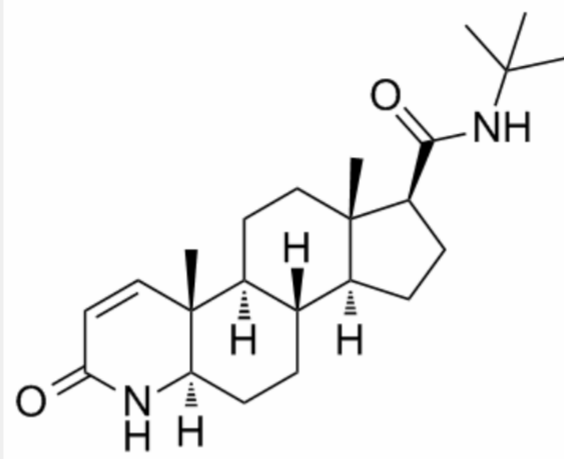
Product Description

Finasteride is an orally active testosterone 5-alpha-reductase inhibitor ($K_i = 10$ nM).

Target: 5- α Reductase

Approved: 1992

Finasteride, a synthetic 4-azasteroid antiandrogen compound, is a specific inhibitor of steroid Type II 5 α -reductase, an intracellular enzyme that converts the androgen testosterone into 5 α -dihydrotestosterone (DHT). Finasteride is used in the treatment of prostate cancer, benign prostatic hyperplasia, and androgenetic alopecia (male pattern baldness). In benign prostatic hyperplasia, finasteride inhibits 5 α -reductase activity in epithelium for K_i of 10 nM, significantly lower than in stroma (K_i = 33nM) [1].



All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!