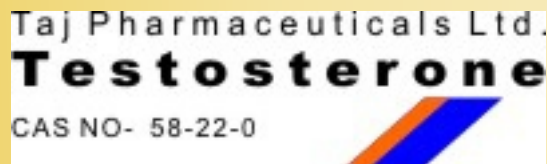
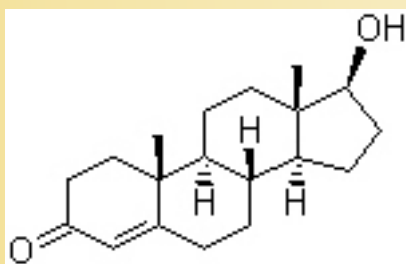


Testosterone (Cas No 58-22-0)



Molecular Structure



Testosterone

CAS number 58-22-0

57-85-2 (propionate ester)

s

ATC code G03BA03

PubChem 6013

ChemSpider 5791

Chemical data

Formula C₁₉H₂₈O₂ Mol. mass 288.42

SMILES eMolecules & PubChem

Physical data

Melt. point 155–156 °C (311–313 °F)

Spec. rot +110,2°

SEC Combust -11080 kJ/mol

Pharmacokinetic data

Bioavailability low (due to extensive first pass metabolism)

Metabolism Liver, Testis and Prostate

Half life 2-4 hours

Excretion Urine (90%), feces (6%)