

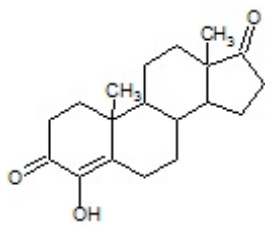
## Drug Status Report

**Drug:** Formestane

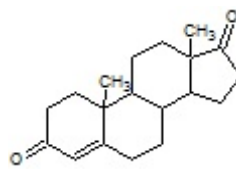
**Drug Name Status:** Formestane is the common name.

**Chemical Name:** 4-Hydroxy-androst-4-ene-3,17-dione

**Chemical structure:**



Formestane



Androst-4-ene-3,17-dione

**Molecular Formula:**  $C_{19}H_{26}O_3$

**Pharmacological class / Application:** aromatase inhibitor

**International status:**

US: The substance is not currently listed on the schedules to the US Controlled Substances Act and is not mentioned on the DEA website.

United Nations: The substance is not listed on the Yellow List - List of Narcotic Drugs under International Control nor the Green List - List of Psychotropic Substances under International Control.

Canadian Status: Formestane is structurally similar to androst-4-ene-3,17-dione which has been considered a controlled substance since 2001 although it is not listed specifically as an anabolic steroid in item 23 of Schedule IV. Several other analogues of androst-4-ene-3,17-dione including 6-methylandrostenedione, 11-hydroxyandrostenedione, 6-bromoandrost-4-ene-3,17-dione and 6-oxo-androstenedione are not considered to be controlled substances. Formestane is a prototypical aromatase inhibitor; there are no reports that it has anabolic activity. Formestane is listed on Part I of Schedule F to the Food and Drug Regulations (prescription drugs).

**Recommendation:** Formestane is not included in the schedules CDSA and is not a controlled substance.

January 3, 2008