Drug Status Report

**Drug:** 17α-ethynylestradiol

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

**Chemical Name:** 19-nor-17-alpha-pregna-1,3,5(10)-triene-2-yn-3,17-diol

**Chemical structure:**

![Chemical structure of 17α-ethynylestradiol]

**Molecular Formula:** C_{20}H_{24}O_{2}

**CAS RN:** 57-63-6

**Pharmacological class / Application:** steroid

**International status:**

US: The substances are not listed on the schedules to the CSA and are not mentioned on the DEA website.

United Nations: The substances are not listed on the Yellow List - List of Narcotic Drugs under International Control. The drugs are not listed on the Green List - List of Psychotropic Substances under International Control.

Canadian Status: 17α-ethynylestradiol is a derivative of estradiol. The substance displays potent estrogenic activity and is commonly used in oral contraceptives. A review of estradiol determined that the substance is not an anabolic steroid and it was excluded from item 23 of Schedule IV to the CDSA. Given that 17α-ethynylestradiol is a derivative of estradiol and does not display anabolic activity, the substance cannot be included under item 23 of Schedule IV to the CDSA.

Recommendation: 17α-ethynylestradiol is not included in Schedule IV to the CDSA and is not controlled substance.

July 9th 2010.