STATUS DECISION OF CONTROLLED 
AND NON-CONTROLLED SUBSTANCE(S)

Substance: Ethisterone

Based on the current information available to the Office of Controlled Substances, it appears that the above substance is:

- Controlled [X]
- Not Controlled [ ]

under the schedules of the Controlled Drugs and Substances Act (CDSA) for the following reason(s):

- This substance can be prepared by the addition of acetylene to dehydroepiandrosterone (Prasterone) followed by an Oppenauer oxidation: (Inhoffen et al., Ber. 71, 1024 (1938)).
- This substance can therefore be considered a derivative of Prasterone, which is an Anabolic Steroid listed on the CDSA (23(36))
- Therefore this substance should be considered controlled by the CDSA under "Anabolic steroids and their derivatives"

Supporting document(s) attached: [ ]

Prepared by: ____________________________ Date: 2005-03-10
Ian Grimwood

Verified by: ____________________________ Date: 2005-03-14
RICHARD LAING

Approved by: ____________________________ Date: 2005-06-07
DIRECTOR, OFFICE OF CONTROLLED SUBSTANCES
Ethisterone

Related Names:
17a-Hydroxypregn-4-en-20-yn-3-one
17a-Ethynyltestosterone
17a-Ethynyl-17b-hydroxy-4-androsten-3-one
17a-Ethynyltestosterone
17a-Ethynyl-4-androsten-17b-ol-3-one
Anhydrohydroxyprogesterone
Pregneninolone