



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

Substance: Zearalenone

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

Controlled []
Not Controlled [X]

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

- The drug is currently not listed specifically on the CDSA.
Zearalenone is not currently included in the schedules to the CDSA and is not a controlled substance.

Supporting document(s) attached: X

Prepared by: TIANA BRANCH Date: 2005-07-06

Verified by: See email MICHAEL LEBELLE Date: 2005-07-06

Approved by: DIRECTOR, OFFICE OF CONTROLLED SUBSTANCES Date:

Drug: Zearalenone

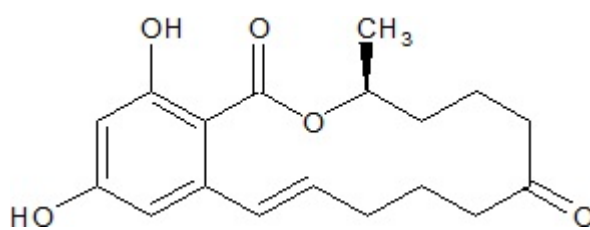
Drug Name Status: Zearalenone is the common name.

Chemical Name:

(3S,11E)-3,4,5,6,9,10-Hexahydro-14,16-dihydroxy-3-methyl-1H-2-benzoxacyclotetradecin-1,7(8H)-dione

Other Names: 6-(10-hydroxy-6-oxo-trans-1-undecenyl)-b-resorcylic acid lactone

Chemical structure:



Molecular Formula:

$C_{18}H_{22}O_5$

Pharmacological class / Application: estrogenic mycotoxin

International status:

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

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

Canadian Status: The drug is currently not listed specifically on the CDSA.

Recommendation: Zearalenone is not currently included in the schedules to the CDSA and is not a controlled substance.

July 5, 2005