

Drug Status Report

Drug: Zearalanone

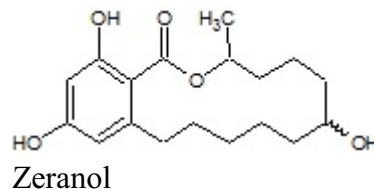
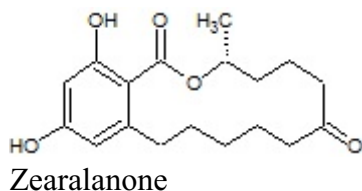
Drug Name Status: Zearalanone is the common name.

Chemical Name:

(S)-3,4,5,6,9,10,11,12-Octahydro-14,16-dihydroxy-3-methyl-1H-2-benzoxacyclotetradecin-1,7(8H)-dione

Other Names: Zanone; zearalanone; 6-(10-Hydroxy-6-oxoundecyl)-beta-resorcylic acid mu-lactone

Chemical structure:



Molecular Formula: C₁₈H₂₄O₅

Pharmacological class / Application: potential estrogen

International status:

US: The substance is not currently listed on 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. The substance is not listed on the Green List - List of Psychotropic Substances under International Control

Canadian Status: The substance is currently not listed on the CDSA. A structurally related substance, zeranone, is listed as item 24 of Schedule IV. However, the listing of zeranone is not extended beyond the listed substance.

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

July 27, 2009