



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

Substance: Eterobarb

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):

- The drug is currently not listed specifically on the CDSA.
Item 1 of Schedule IV to the CDSA is, "Barbiturates, their salts and derivatives." The barbiturates listed in item 1 contain a characteristic root structure. Given the structure of eterobarb, it is clear that it is a member of the barbiturate family.
Also, the World Health Organization considers eterobarb to be a barbituric acid derivative.

Supporting document(s) attached: X

Prepared by: TIANA BRANCH Date: 2005-07-28

Verified by: See email MICHAEL LEBELLE Date: 2005-07-27

Approved by: DIRECTOR, OFFICE OF CONTROLLED SUBSTANCES Date:

Drug Status Report

Drug: Eterobarb

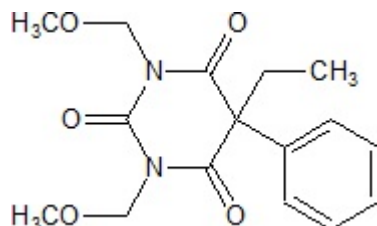
Drug Name Status: Eterobarb is INN, USAN and BAN

Chemical Name:

5-ethyl-1,3-bis(methoxymethyl)-5-phenyl-2,4,6(1H,3H,5H)-pyrimidinetrione

Other Names: 1,3-bis(methoxymethyl)-5-ethyl-5-phenyl-barbituric acid;
N,N'-dimethoxymethylphenobarbital;

Chemical structure:



Molecular Formula: C₁₆H₂₀N₂O₅

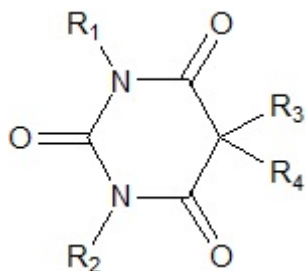
Pharmacological class / Application: barbiturate

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. Item 1 of Schedule IV to the CDSA is, "Barbiturates, their salts and derivatives." The barbiturates listed in item 1 contain the following characteristic root structure:



Where R₁, R₂, R₃, and R₄ are various chemical constituents that differentiate the barbiturates. When R₁, R₂, R₃, and R₄ all equal H, the substance at the left is barbituric acid.

From the structure of eterobarb above, it is clear that eterobarb is a member of the barbiturate family. The World Health Organization considers eterobarb to be a barbituric acid derivative.

Recommendation: Eterobarb is included in item 1 of Schedule IV to the CDSA and is a controlled substance.

July 27,2005.