



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

Substance: Acetoxyphene

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 7 of Schedule I is, "Phenalkoxams, their salts, derivatives and salts of derivatives including:..." Dextropropoxyphene is listed as subitem 7.3.
Item 7 of Schedule I therefore includes the salts, derivatives and salts of derivatives of the listed substances.
Acetoxyphene is clearly a derivative of dextropropoxyphene as it is acetate ester of the same substance of which dextropropoxyphene is a propanoate ester.

Supporting document(s) attached: X

Prepared by: TIANA BRANCH Date: 2005-06-27

Verified by: See email Date: 2005-06-25
MICHAEL LEBELLE

Approved by: DIRECTOR, OFFICE OF CONTROLLED SUBSTANCES Date:

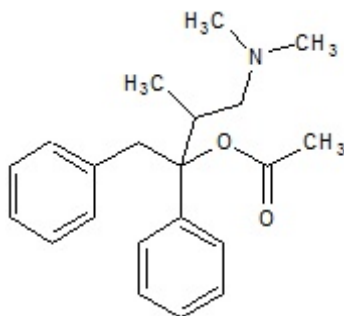
**Drug:** Acetoxyphene

**Drug Name Status:** Acetoxyphene is the trivial name

**Chemical Name:** 1-[2-(Dimethylamino)-1-methylethyl]- $\alpha$ -phenylbenzeneethanol acetate

**Other Names:** Propoxyphene related compound B; propoxyphene acetoxy analog;  $\alpha$ -*d*-2-acetoxy-4-dimethylamino-1,2-diphenyl-3-methylbutane

**Chemical structure:**



**Molecular Formula:** C<sub>21</sub>H<sub>27</sub>NO<sub>2</sub>

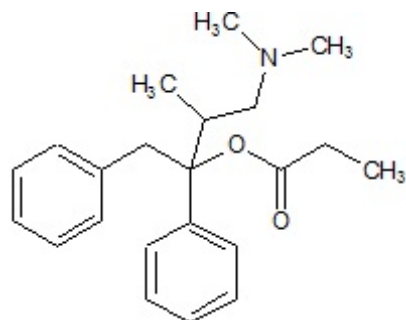
**Pharmacological class / Application:** Drug related compound

**International status:**

US: The drug is not currently listed on the US Controlled Substances Act and is not mentioned on the DEA website. Dextropropoxyphene, a related substance, is listed on Schedule II to the CSA. Confirmation of status of the title compound would need to be obtained from the DEA.

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 7 of Schedule I is, "Phenalkoxams, their salts, derivatives and salts of derivatives including:..." Dextropropoxyphene (see structure next page) is listed as subitem 7.3. Item 7 of Schedule I therefore includes the salts, derivatives and salts of derivatives of the listed substances.



Dextropropoxyphene

Acetoxyphehne is clearly a derivative of dextropropoxyphene as it is acetate ester of the same substance of which dextropropoxyphene is a propanoate ester.

**Recommendation: Acetoxyphehne is included in item 7 of Schedule I of the CDSA and is a controlled substance.**

June 25, 2005