



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

Substance: Chloroamphetamine

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 III to the CDSA is: "Amphetamines, their salts, derivatives, isomers and analogues and salts of derivatives, isomers and analogues including: (1) amphetamine."
As the three chloroamphetamines are analogues of amphetamine, they are included in item 1 of Schedule III to the CDSA.
There are several salts that may be prepared from these amphetamine analogues including the hydrochloride and the sulfate. As salts of amphetamines, they would also be included in item 1.

Supporting document(s) attached: X

Prepared by: TIANA BRANCH Date: 2005-07-21

Verified by: See email MICHAEL LEBELLE Date: 2005-07-20

Approved by: DIRECTOR, OFFICE OF CONTROLLED SUBSTANCES Date:

Drug Status Report

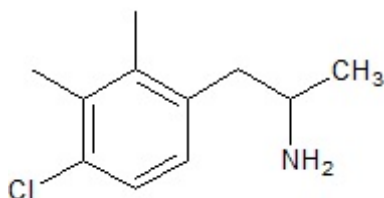
Drug: Chloroamphetamine

Drug Name Status: Chloroamphetamine is the common name

There are three possible positional isomers of chloroamphetamine - para, meta, and ortho. These terms are often shortened to p, m and o in italics. Using numerical designations of the position of the chloro, these are 4-chloro; 3-chloro and 2-chloro respectively. That is, *p*-chloroamphetamine is 4-chloroamphetamine.

Chemical Names: The chemical names of the 3 isomers are X-chloro-alpha-methyl-benzeneethanamine where X is 2, 3 or 4.

Chemical structure:



The structure is that of para-chloroamphetamine. The other isomers would carry the chloro at the vacant bonds on the phenyl ring.

Molecular Formula: C₉H₁₂ClN

Pharmacological class / Application: amphetamine

International status:

US: The drug is not currently specifically listed on the US Controlled Substances Act. However, under the “analogue” provisions of the CSA, the chloroamphetamines are likely considered to be included in Schedule I. The DEA would need to confirm the status of the three isomers under the CDS.

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 III to the CDSA is: “Amphetamines, their salts, derivatives, isomers and analogues and salts of derivatives, isomers and analogues including: (1) amphetamine.”

As the three chloroamphetamines are analogues of amphetamine, they are included in item 1 of Schedule III to the CDSA. There are several salts that may be prepared from these amphetamine analogues including the hydrochloride and the sulfate. As salts of amphetamines, they would also be included in item 1.

Recommendation: All of the isomers of chloroamphetamine (para, meta and ortho) and any salt of these chloroamphetamines are included in item 1 of Schedule III to the CDSA and are controlled substances.

July 20, 2005