



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

Substance: Iofetamine

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. However, Item 1 of Schedule III is, "Amphetamines, their salts, derivatives, isomers and analogues and salts of derivatives, isomers and analogues including." As analogue is defined in the CDSA as, "a substance that, in relation to a controlled substance, has a substantially similar chemical structure", iofetamine must be considered an analogue of amphetamine and therefore is included in item 1 of Schedule III to the CDSA.

Supporting document attached: Drug Status Report by Mr. LeBelle

Prepared by: _____
Xiao Peng Feng

Date: Sept. 12, 2006

Drug Status Report by: Mr. M. LeBelle

Date: Sept. 11, 2006

Approved by: _____

Date: _____

DIRECTOR, OFFICE OF
CONTROLLED SUBSTANCES

Drug Status Report

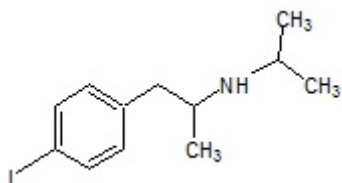
Drug: Iofetamine

Drug Name Status: Iofetamine is the proper name (INN; iofetamine hydrochloride is USAN)

Chemical Name: 4-iodo- α -methyl-N-(1-methylethyl)-benzeneethanamine

Other Names: N-isopropyl-*p*-iodoamphetamine

Chemical structure:



Molecular Formula: C₁₂H₁₈IN

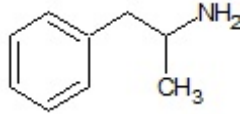
Pharmacological class / Application: diagnostic

International status:

US: Iofetamine is not listed on the schedules to the CSA and is not mentioned on the DEA website. Amphetamine is listed in Schedule II to the CSA so the analogue provisions of the CSA should apply. However, as there has likely been a new drug application approved for iofetamine, it may not be controlled by the CSA. The DEA would have to confirm the status of iofetamine.

United Nations: The substance is not listed on the Yellow List - List of Narcotic Drugs under International Control nor the Green List - List of Psychotropic Substances under International Control.

Canadian Status: The drug is currently not listed specifically on the CDSA. However, Item 1 of Schedule III is, "Amphetamines, their salts, derivatives, isomers and analogues and salts of derivatives, isomers and analogues including." As analogue is defined in the CDSA as, "a substance that, in relation to a controlled substance, has a substantially similar chemical structure", iofetamine must be considered an analogue of amphetamine (structure below).



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

September 11, 2006

