



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

Substance: Clobenzorex

Based on the current information available to the Office of Controlled Substances, it appears that the above substance is:

Controlled [checked]
Not Controlled [unchecked]

under the schedules of the Controlled Drugs and Substances Act (CDSA) for the following reason(s):

- The substance considered to be an analogue of norbenzphetamine and therefore is included under item 1(18) of Schedule III to the CDSA..

Prepared by: Evelyn Soo Date: Nov 9th 2010

Verified by: Marianne Tang Date:

Approved by: DIRECTOR, OFFICE OF CONTROLLED SUBSTANCES Date:

This status was requested by: Annie Le Bel, Inspectorate.

Drug Status Report

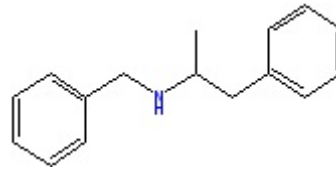
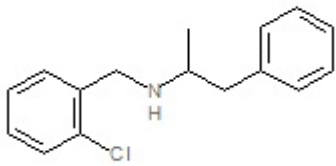
Drug: Clobenzorex

Drug Name Status: Clobenzorex is the proper (INN) name.

Chemical Name: (±)-N-((2-chlorophenyl)methyl)-alpha-methyl-benzeneethanamine

Other Names: (+)-N-(o-Chlorobenzyl)-alpha-methylphenethylamine; Asenlix; Dinintel; Finedal

Chemical structure:



Norbenzphetamine

Molecular Formula: C₁₆H₁₈ClN

Pharmacological class / Application: Stimulant, appetite suppressant

CAS-RN: 13364-32-4

International status:

US: Clobenzorex is not listed specifically in the schedules to the CSA. However according to the DEA website, the drug is banned for in the US and has been found as an adulterant in exhibits of methamphetamine¹.

United Nations: The substance is not listed on the Yellow List - List of Narcotic Drugs under International Control, the Green List - List of Psychotropic Substances under International Control, nor the Red List - List of Precursors and Chemicals Frequently Used in the Illicit Manufacture of Narcotic Drugs and Psychotropic Substances Under International Control.

Canadian Status: Clobenzorex is not specifically listed in the CDSA. However, the substance shows significant structural similarity to norbenzphetamine, which is included under item 1(18) of Schedule III to the CDSA under the heading “Amphetamines, their salts, derivatives, isomers and analogues and salts of derivatives, isomers and analogues including:”. Accordingly,

¹<http://www.justice.gov/dea/programs/forensicsci/microgram/mg1207/mg1207.pdf>

clobenzorex must be included under item 1(18) of Schedule III to the CDSA on the basis that it is an analogue of norbenzphetamine.

Recommendation: Clobenzorex is included under item 1(18) of Schedule III to the CDSA and is a controlled substance.

Date: 9 November 2010