



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

Substances: AM630 and AM251

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

Controlled []
Not Controlled [X]

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.
The structure of the substance is not similar to any substance on the schedules to the CDSA.
Cannabinoid receptor agonists have been declared to be included within item 1 of Schedule II to the CDSA by virtue of being "similar synthetic preparations."
Cannabinoid receptor antagonists have been declared to fall outside item 1 of Schedule II to the CDSA. As both AM630 and AM251 are cannabinoid receptor antagonists, they should be considered to be not included in item I of Schedule II.

Supporting document(s) attached: X

Prepared by: TIANA BRANCH Date: 2005-07-15

Verified by: See email MICHAEL LEBELLE Date: 2005-07-14

Approved by: DIRECTOR, OFFICE OF CONTROLLED SUBSTANCES Date:

Drug Status Report

Drug: AM630 and AM251

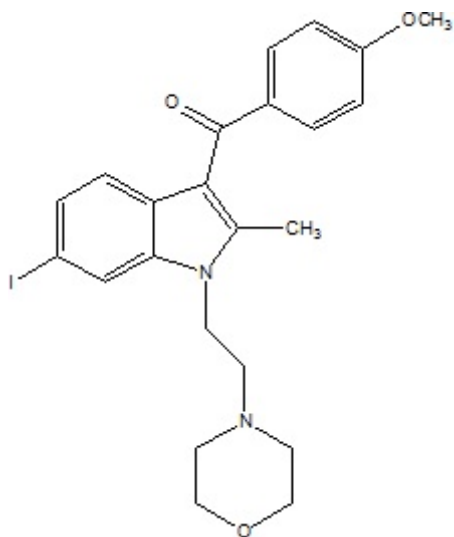
Drug Name Status: AM630 and AM251 are common names.

Chemical Name:

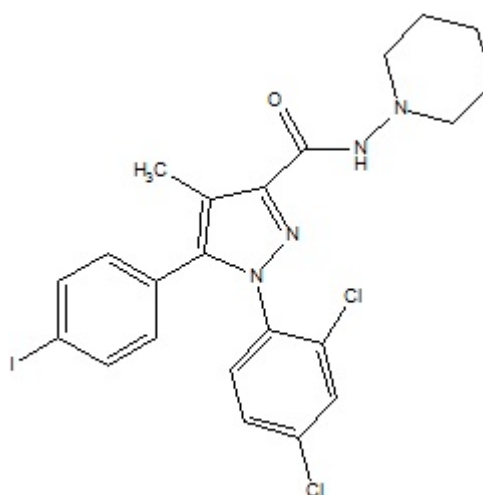
AM630 - (6-Iodo-2-methyl-1-[2-(4-morpholinyl)ethyl]-1H-indol-3-yl)(4-methoxyphenyl)methanone

AM251 - N-(Piperidin-1-yl)-5-(4-iodophenyl)-1-(2,4-dichlorophenyl)-4-methyl-1H-pyrazole-3-carboxamide

Chemical structure:



AM630



AM251

Molecular Formula:

AM630 - C₂₃H₂₅I_N₂O₃

AM251 - C₂₂H₂₁Cl₂I_N₄O

Pharmacological class / Application: both substances are cannabinoid receptor antagonists

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. The structure of the substance is not similar to any substance on the schedules to the CDSA. Status decisions have been made on several other cannabinoid receptor agonists and antagonists. See decisions for anandamide; methanandamide; WIN 555212; JWH 015; O-2050 and SR 141716A. Cannabinoid receptor agonists have been declared to be included within item 1 of Schedule II to the CDSA by virtue of being "similar synthetic preparations." Cannabinoid receptor antagonists have been declared to fall outside item 1 of Schedule II to the CDSA. As both AM630 and AM251 are cannabinoid receptor antagonists, they should be considered to be not included in item I of Schedule II.

Recommendation: Based on the information available, AM630 and AM251 are not currently included in the schedules to the CDSA and are not controlled substances.

July 14, 2005