



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

Substance: 2-ethylidene-1,5-dimethyl-3,3-diphenylpyrrolidine

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):

- Item 5 of Schedule I to the CDSA is: Amidones, their intermediates, salts, derivatives and salts of intermediates and derivatives including. Subitem (4) is methadone. Therefore the intermediates, salts, derivatives and salts of intermediates and derivatives of methadone are included in item 5 and are controlled substances
- 2-Ethylidene-1,5-dimethyl-3,3-diphenylpyrrolidine (EDDP) is a major metabolite of methadone and therefore a derivative of methadone.

Supporting document(s) attached:

Prepared by: _____ Date: _____
SHEREEN KHAN

Verified by: See email Date: _____
MICHAEL LEBELLE

Approved by: _____ Date: _____
DIRECTOR, OFFICE OF CONTROLLED SUBSTANCES

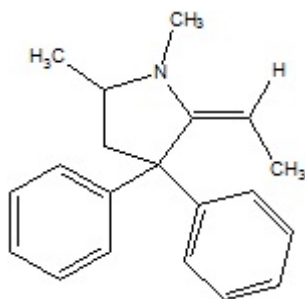
Drug Status Report

Drug: 2-Ethylidene-1,5-dimethyl-3,3-diphenylpyrrolidine

Drug Name Status: 2-Ethylidene-1,5-dimethyl-3,3-diphenylpyrrolidine is the chemical name

Chemical Name: 2-Ethylidene-1,5-dimethyl-3,3-diphenylpyrrolidine

Chemical structure:



Molecular Formula: C₂₀H₂₃N

Pharmacological class / Application: drug metabolite

International status:

US: The chemical is not currently listed on the US Controlled Substances Act and is not mentioned on the DEA website.

United Nations: The chemical 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 5 of Schedule I to the CDSA is: Amidones, their intermediates, salts, derivatives and salts of intermediates and derivatives including. Subitem (4) is methadone. Therefore the intermediates, salts, derivatives and salts of intermediates and derivatives of methadone are included in item 5 and are controlled substances. 2-Ethylidene-1,5-dimethyl-3,3-diphenylpyrrolidine (EDDP) is a major metabolite¹ of methadone and therefore a derivative of methadone.

Recommendation: Based on this information, 2-ethylidene-1,5-dimethyl-3,3-diphenylpyrrolidine is included in the Item 5 of Schedule I to the CDSA and is a controlled substance.

Alburges, ME, Huang, W, Foltz, RI and Moody, DE, J. Analytical Toxicology, 20, 362 (1996)