



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

Substance: I - 3,4-Dimethoxyphenylacetone
II - 3-Fluorophenylacetone

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 substances show some structural similarity to 1-phenyl-2-propanone but cannot be included under item 11 of Part 1 of Schedule VI to the CDSA .

Prepared by: Evelyn Soo Date: Dec 10th 2010

Verified by: Marianne Tang Date:

Approved by: DIRECTOR, OFFICE OF CONTROLLED SUBSTANCES Date:

This status was requested by: "third party information removed as per agreement with applicant"

Drug Status Report

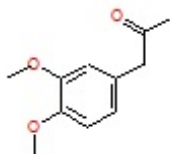
Drug: I - 3,4-Dimethoxyphenylacetone
II - 3-Fluorophenylacetone

Drug Name Status: I - 3,4-Dimethoxyphenylacetone
II - 3-Fluorophenylacetone are the common names.

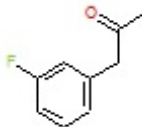
Chemical Name: I - 1-(3,4-Dimethoxyphenyl)-2-propanone
II - 3-Fluorophenylacetone

Other Names: I - 3,4-Dimethoxybenzyl methyl ketone; 1-(3,4-dimethoxyphenyl)acetone
II - NONE

Chemical Structure:



I



II

Molecular Formula: I - C₁₁H₁₄O₃; II - C₉H₉FO

CAS-RN: I - 776-99-8; II - 1737-19-5

Pharmacological class / Application: Fine chemical

International status:

US: 3,4-Dimethoxyphenylacetone and 3-fluorophenylacetone are not currently listed in the Schedules to the US *Controlled Substances Act* and are not mentioned anywhere on the DEA website.

United Nations: The substances are 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: 3,4-Dimethoxyphenylacetone and 3-fluorophenylacetone are claimed to be starting materials in the synthesis of 3,4-dihydroxy methamphetamine hydrochloride and 3-fluoromethamphetamine hydrochloride, respectively. The substances are not currently listed in the CDSA and while they are structurally similar to 1-phenyl-2-propanone, which is controlled as

a Class A Precursor and listed as item 11 in Part 1 of Schedule VI to the CDSA, the derivatives or analogues of 1-phenyl-2-propanone are not included in the listing. Accordingly, 3,4-dimethoxyphenylacetone and 3-fluorophenylacetone cannot be included under item 11 of Part 1 of Schedule VI to the CDSA.

Recommendation: 3,4-Dimethoxyphenylacetone and 3-fluorophenylacetone are not included in the schedules to the CDSA and are not controlled substances.

Date: 10 December 2010