



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

Substance: 3-hydroxy-1-(1-phenylpropan-2-yl)pyridine-2-one

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

Controlled

Not Controlled

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

- The substance is a related impurity of amphetamine but is not structurally similar to any of those included in the CDSA.

Prepared by: _____

Evelyn Soo

Date: Jan 18th 2011

Verified by: _____

Marianne Tang

Date: _____

Approved by: _____

DIRECTOR, OFFICE OF CONTROLLED SUBSTANCES

Date: _____

This status was requested by: Nacer Silarbi

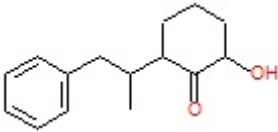
Drug Status Report

Drug: 3-hydroxy-1-(1-phenylpropan-2-yl)pyridine-2-one

Drug Name Status: 3-hydroxy-1-(1-phenylpropan-2-yl)pyridine-2-one is the common name.

Chemical Name: 3-hydroxy-1-(1-phenylpropan-2-yl) pyridine-2-one

Chemical structure:



Molecular Formula: C₁₆H₂₄NO₂

CAS-RN: 54-06-8

Pharmacological class / Application: Pharmaceutical-related substance

International status:

US: 3-hydroxy-1-(1-phenylpropan-2-yl)pyridine-2-one is not currently listed in the Schedules to the *US Controlled Substances Act* and is not mentioned anywhere on the DEA website.

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: 3-hydroxy-1-(1-phenylpropan-2-yl)pyridine-2-one is reported to be a related impurity of amphetamine and is not listed specifically in the CDSA. Amphetamine is currently listed as sub-item 1(1) in Schedule III to the CDSA, under the heading "Amphetamines, their salts, derivatives, isomers and analogues and salts of derivatives, isomers and analogues including". However, 3-hydroxy-1-(1-phenylpropan-2-yl)pyridine-2-one is not an amphetamine and is not similar in structure to any of the substances listed in the CDSA. Accordingly, the substance should not be included in the Schedules to the CDSA.

Recommendation: 3-hydroxy-1-(1-phenylpropan-2-yl)pyridine-2-one is not included in the schedules to the CDSA and is not a controlled substance.

Date: 18 January 2011