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

Substance: 2-Amino-1-phenylpentan-1-ol

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):

- There is no evidence in the scientific literature to support that the substance is a metabolite of pentedrone. Additionally, the analogues of norephedrine are not captured under Schedule VI to the CDSA.

Prepared by: ____________________________  Date: ________________

Vincent Marleau

Verified by: ____________________________  Date: ________________

Mark Kozlowski

Approved by: ____________________________  Date: ________________

DIRECTOR, OFFICE OF CONTROLLED SUBSTANCES

This status was requested by: “third party information removed as per agreement with applicant”
Drug Status Report

Drug: 2-Amino-1-phenylpentan-1-ol

Drug Name Status: 2-Amino-1-phenylpentan-1-ol is the common name.

Chemical Name: 2-Amino-1-phenylpentan-1-ol

Other Names: Pentedrone norephedrine metabolite

Chemical structure:

![Chemical structure]

Molecular Formula: C_{11}H_{17}NO

Pharmacological class / Application: Fine chemical

CAS-RN: 64037-35-0 for hydrochloride

International status:

US: 2-Amino-1-phenylpentan-1-ol is not listed specifically 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: 2-Amino-1-phenylpentan-1-ol is not listed specifically in the CDSA. The substance is claimed to be a metabolite of pentedrone which is currently included under item 19 of Schedule I to the CDSA under the heading “Amphetamines, their salts, derivatives, isomers and analogues and salts of derivatives, isomers and analogues including”. However, there is presently no evidence in the scientific literature to support that the substance is a metabolite of pentedrone. Accordingly, 2-amino-1-phenylpentan-1-ol cannot be included under item 19 of Schedule I to the CDSA. The substance also displays structural similarities to norephedrine which is a Class A precursor and listed as item 10 in Part 1 of Schedule VI to the CDSA but because the analogues of norephedrine are not included under the item listing, 2-amino-1-phenylpentan-1-ol also cannot be included under Schedule VI to the CDSA.

Recommendation: 2-Amino-1-phenylpentan-1-ol is not included in the schedules to the CDSA and is not a controlled substance.

Date: December 4th, 2012.