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

Substance: Protokylol

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):

- This substance is a derivative of 3,4-methylenedioxymphetamine (MDA) and is included under Item 1 of Schedule III to the CDSA.

Prepared by: ______________________________ Date: ______________
Zack Li

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: Protokylol

Drug Name Status: Protokylol is the BAN name.

Chemical Name: 1-(3,4-Dihydroxyphenyl)-2-(alpha-methyl-3,4-methylenedioxyphenethylamino)ethanol

Other Names: Protoquilol; Protokylolum

Chemical structure:

\[
\text{HO} \quad \text{HO} \quad \text{N} \quad \text{O} \quad \text{O}
\]

Molecular Formula: $C_{18}H_{21}NO_5$  CAS-RN: 136-70-9

Pharmacological class / Application: Pharmaceutical-related substance

International status:

US: Protokylol is not listed specifically in the Schedules to the US Controlled Substances Act and is not mentioned anywhere on the DEA website. It is interesting to note that the substance was once approved by the FDA for veterinary bronchodilation use.

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: Protokylol is not listed specifically in the CDSA. The substance is a veterinary bronchodilator used in the treatment of asthma and a derivative of 3,4-methylenedioxyamphetamine (MDA). MDA is currently listed as sub-item 1(5) “3,4–methylenedioxyamphetamine (MDA) ($\alpha$–methyl–1,3–benzodioxole–5–ethanamine)” in Schedule III to the CDSA under the heading “Amphetamines, their salts, derivatives, isomers and analogues and salts of derivatives, isomers and analogues including:”. As a derivative of MDA, Protokylol must be included under item 1 of Schedule III to the CDSA.

Recommendation: Protokylol is included under item 1 of Schedule III to the CDSA and is a controlled substance.

Date: July 5th, 2012.