Health Canada
Santé Canada

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-methylenedioxyamphetamine (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

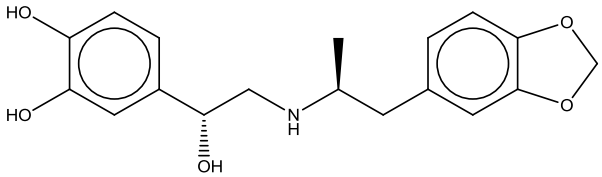
Drug: Protokylol

Drug Name Status: Protokylol is the BAN name.

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

Other Names: Protoquilol; Protokylolum

Chemical structure:



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) (α–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.