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

Substance: 8-Hydroxy dihydroergotamine

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):

• 8-Hydroxy dihydroergotamine is not included under Item 6 in Part 1 of Schedule VI to the CDSA and is not considered a Class A Precursor because it is not a salt of ergotamine.

Prepared by: ____________________________ Date: March 7th, 2012
Vincent Marleau

Verified by: ____________________________ Date: ___________
Mark Kozlowski

Approved by: ____________________________ Date: ___________
DIRECTOR, OFFICE OF CONTROLLED SUBSTANCES

This status was requested by: Sultana Haidar
Drug Status Report

Drug: 8-Hydroxy dihydroergotamine

Drug Name Status: 8-Hydroxy dihydroergotamine is the common name.

Chemical Name: (9R)-N-((2R,5S,10aS,10bS)-5-benzyl-10b-hydroxy-2-methyl-3,6-dioxooctahydro-2H-oxazolo[3,2-a]pyrrolo[2,1-c]pyrazin-2-yl)-6a-hydroxy-7-methyl-4,6,6a,7,8,9,10,10a-octahydroindolo[4,3-fg]quinoline-9-carboxamide.

Other Names: 8'-OH-DHE.

Chemical structure:

![Chemical Structure Image]

Molecular Formula: \( C_{33}H_{37}N_{5}O_{6} \)

Pharmacological class / Application: Dihydroergotamine derivative

CAS-RN: N/A

International status:

US: 8-Hydroxy dihydroergotamine is not listed in 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: 8-Hydroxy dihydroergotamine is not listed in the schedules to the CDSA. However, “Ergotamine (12'-hydroxy-2'-methyl-5'-(phenylmethyl)ergotaman-3',6',18-trione) and its salts” is listed as Item 6 in Part 1 of Schedule VI to the CDSA and is considered a Class A Precursor. Since 8-hydroxy dihydroergotamine is not a salt of ergotamine, it is not captured under Item 6 in Part 1 of Schedule VI to the CDSA and is not considered a Class A Precursor.

Recommendation: 8-Hydroxy dihydroergotamine is not included in any of the Schedules to the CDSA and is not a controlled substance.
Date: March 7th, 2012.