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

Substance: 4-Hydroxy Triamterene

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):

- The substance is not structurally similar to any of the substances included in the schedules 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: 4-Hydroxy Triamterene

Drug Name Status: 4-Hydroxy Triamterene is the common name.

Chemical Name: 4-(2,4,7-Triamino-6-pteridinyl)phenol; 2,4,7-Triamino-6-(p-hydroxyphenyl)pteridine

Other Names: p-Hydroxytriamterene

Chemical structure:

![Chemical structure of 4-Hydroxy Triamterene](image)

Molecular Formula: $C_{12}H_{11}N_7O$

CAS-RN: 1226-52-4

Pharmacological class / Application: Pharmaceutical-related substance

International status:

US: 4-Hydroxy Triamterene 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: 4-Hydroxy Triamterene is not listed in the schedules to the CDSA. The substance is reportedly a metabolite of triamterene, a diuretic drug that is regulated under Schedule F to the Food and Drugs Regulations. In addition, the substance is not structurally similar to any of those listed in the schedules to the CDSA.

Recommendation: 4-Hydroxy Triamterene is not included in the schedules to the CDSA and is not a controlled substance.

Date: May 7th, 2012.