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

Substance: Dehydroabietylamine

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 are no reports that the substance is an efficacious cannabinoid receptor agonist and therefore it cannot be included under item 1 of Schedule II 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**: Dehydroabietylamine

**Drug Name Status**: Dehydroabietylamine is the common name.

**Chemical Name**: 1-Phenanthrenemethanamine, 1,2,3,4,4a,9,10,10a-octahydro-1,4a-dimethyl-7-(1-methylethyl)-, (1R,4aS,10aR)-

**Other Names**: leelamine; Amine D; 13-isopropylpodocarpa-8,11,13-trien-15-amine; podocarpa-8,11,13-trien-15-amine, 13-isopropyl-

**Chemical structure**:

![Chemical structure of Dehydroabietylamine]

**Molecular Formula**: C$_{20}$H$_{31}$N

**CAS-RN**: 1446-61-3

**Pharmacological class / Application**: Synthetic cannabinoid

**International status**:

US: Dehydroabietylamine 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: Dehydroabietylamine is not listed in the schedules to the CDSA. The substance is a synthetic cannabinoid which as been reported to be a phospholipase A inhibitor and to display anti-inflammatory effects$^1$. There is presently no information in the scientific literature on the efficacy of dehydroabietylamine as a cannabinoid receptor agonist. Therefore,

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dehydroabietylamine cannot be included under the heading “Cannabis, its preparations, derivatives and similar synthetic preparations” of item 1 in Schedule II to the CDSA.

**Recommendation:** Dehydroabietylamine is not included in the Schedules to the CDSA and is not a controlled substance.

**Date:** June 4th, 2012.