



Health  
Canada

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

Substance: N-acetyl mescaline

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):

- The substance is not a salt of mescaline and therefore not included under item 17 of Schedule III to the CDSA.

Prepared by: Evelyn Soo Date: Sept 22<sup>nd</sup> 2010

Verified by: Marianne Tang Date: \_\_\_\_\_

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

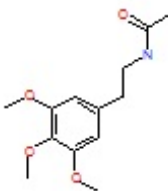
**Drug:** N-Acetylmescaline

**Drug Name Status:** N-Acetylmescaline is the common name.

**Chemical Name:** N-acetyl-3,4,5-trimethoxy-phenethylamine

**Other Names:** N-(2-(3,4,5-trimethoxyphenyl)ethyl) acetamide

**Chemical Structure:**



**Molecular Formula:** C<sub>13</sub>H<sub>19</sub>NO<sub>4</sub>

**Pharmacological class / Application:** Metabolite of mescaline

**CAS-RN:** 4593-89-9

**International status:**

US: The substance is not currently listed in the CSA and is not mentioned anywhere on the DEA website. It is noteworthy that in the US, both mescaline and peyote are listed in Schedule I to the CSA.

United Nations: The substance is not listed on the Yellow List - List of Narcotic Drugs under International Control nor the Green List - List of Psychotropic Substances under International Control. However, mescaline is listed in the Green List.

Canadian Status: N-acetylmescaline is a well-known metabolite of mescaline<sup>1</sup> and is not currently listed in the Schedules to the CDSA. The parent compound, mescaline, is item 17 of Schedule III to the CDSA and is listed under heading "Mescaline (3,4,5-trimethoxybenzeneethanamine) and any salt thereof, but not peyote (lophophora)". Since the item heading does not include the derivatives of mescaline, N-acetylmescaline cannot be included under item 17 of Schedule III to the CDSA.

**Recommendation:** N-acetylmescaline is not included under item 17 of Schedule III to the

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<sup>1</sup>Charalampous, KD. *et al.* (1997) Metabolic fate of mescaline in man, *Enzymological evidence for Cannabichromene acid biosynthesis, Psychopharmacologia*, **9**:48-63.

CDSA and is not a controlled substance.

**Date:** 22 September 2010