



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

Substance: Huperzine A [(5R,9R,11E)-5-amino-11-ethylidene-5,6,9,10-tetrahydro-7-methyl-5,9-methanocycloocta(b)pyridin-2(1H)-one]

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 drug is currently not listed on the CDSA. The structure of the substance is not similar to any substance on the schedules to the CDSA.

Supporting document(s) attached: X

Prepared by: TIANA BRANCH Date: 2005-06-13

Verified by: See email MICHAEL LABELLE Date: 2005-06-10

Approved by: DIRECTOR, OFFICE OF CONTROLLED SUBSTANCES Date:

Drug Status Report

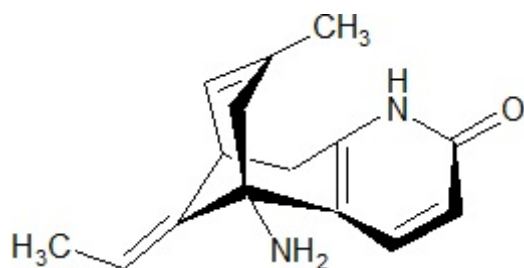
Drug: Huperzine A

Drug Name Status: Huperzine A is the common name; no generic (INN or USAN) has been assigned.

Chemical Name:

(5R,9R,11E)-5-amino-11-ethylidene-5,6,9,10-tetrahydro-7-methyl-5,9-methanocycloocta(b)pyridin-2(1H)-one

Chemical structure:



Molecular Formula: C₁₅H₁₈N₂O

Pharmacological class / Application: Treatment of memory disorders

International status:

US: The drug is not currently listed on the US Controlled Substances Act and is not mentioned on the DEA website.

United Nations: The drug is not listed on the Yellow List - List of Narcotic Drugs under International Control. The drug is not listed on the Green List - List of Psychotropic Substances under International Control

Canadian Status: The drug is currently not listed on the CDSA. The structure of the substance is not similar to any substance on the schedules to the CDSA.

Recommendation: Based on the information available, huperzine A is not currently included in the schedules to the CDSA.