



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

Substance: Dizocilpine maleate (a.k.a. MK 801)

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):

- Dizocilpine maleate is currently not listed specifically on the CDSA. It is not structurally similar to any of the families of substances listed on the schedules to the CDSA.

Supporting document attached: Drug Status Report by Mr. LeBelle

Prepared by: \_\_\_\_\_  
Xiao Peng Feng

Date: Aug. 21, 2006

Drug Status Report by: Mr. M. LeBelle

Date: Aug. 21, 2006

Approved by: \_\_\_\_\_

DIRECTOR, OFFICE OF  
CONTROLLED SUBSTANCES

Date: \_\_\_\_\_

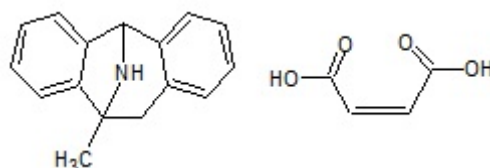
## Drug Status Report

**Drug:** Dizocilpine maleate

**Drug Name Status:** Dizocilpine maleate is the proper name (USAN)

**Chemical Name:** (+)-10,11-Dihydro-5-methyl-5H-dibenzo(a,d)cyclohepten-5,10-imine, (Z)-2-butenedioate (1:1)

**Chemical structure:**



**Molecular Formula:**  $C_{20}H_{19}NO_4$

**Pharmacological class / Application:** N-methyl-D-aspartate antagonist; induces locomotion<sup>1</sup>

**International status:**

US: Dizocilpine maleate is listed on the schedules to the CSA and is not mentioned on the DEA website..

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.

Canadian Status: The drug is currently not listed specifically on the CDSA. Dizocilpine maleate is not structurally similar to any of the families of substances listed on the schedules to the CDSA.

Recommendation: Dizocilpine maleate is not included in the schedules to the CDSA and is not a controlled substance.

August 21, 2006

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<sup>1</sup> <http://www.nature.com/npp/journal/v11/n3/abs/1380103a.html>