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

Substance: Etifoxine

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 similar to any of those found in 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: Christine Taillon, Inspectorate
Drug Status Report

Drug: Etifoxine

Drug Name Status: Etifoxine is the proper (INN) name.

Chemical Name: (6-chloro-N-ethyl-4-methyl-4-phenyl-4H-benzo[d][1,3]oxazin-2-amine)

Other Names: Etafenoxine; 2-Aethlamino-6-chlor-4-methyl-4-phenyl-4H-3,1-benoxazin; 6-Chloro-2-ethylamino-4-methyl-4-phenyl-4H-3,1-benoxazine; 4H-3,1-Benoxazin-2-amine, 6-chloro-N-ethyl-4-methyl-4-phenyl- (9CI); 4H-3,1-Benzoxazine, 6-chloro-2-ethylamino-4-methyl-4-phenyl-; 6-Chloro-2-(ethylamino)-4-methyl-4-phenyl-4H-3,1-benoxazine.

Chemical structure:

![Chemical structure of Etifoxine]

Molecular Formula: C₁₇H₁₇ClN₂O      CAS-RN: 21715-46-8

Pharmacological class / Application: Anxiolytic

International status:

US: Etifoxine 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: Etifoxine is not listed in the schedules to the CDSA. The substance is an anxiolytic¹ and is not structurally similar to any of the substances listed in the schedules to the CDSA.

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

Date: July 11th, 2012.

¹ Hamon et al (2003) The modulatory effects of the anxiolytic etifoxine on GABAA receptors are mediated by the β subunit. Neuropharmacology 45 293.