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

Substance: 2-(2-Ethoxyphenyl)-5-methyl-7-propyl-3H-imidazo[5,1-f][1,2,4]triazin-4-one

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 structurally similar to any of those listed in the CDSA.

Prepared by: ___________________________ Date: ____________

Evelyn C Soo

Verified by: ___________________________ Date: ____________

Mark Kozlowski

Approved by: ___________________________ Date: ____________

DIRECTOR, OFFICE OF CONTROLLED SUBSTANCES

This status was requested by: Bruno Lafontaine, OCS
Drugs Status Report

Drug: 2-(2-Ethoxyphenyl)-5-methyl-7-propyl-3H-imidazo[5,1-f][1,2,4]triazin-4-one

Drug Name Status: 2-(2-Ethoxyphenyl)-5-methyl-7-propyl-3H-imidazo[5,1-f][1,2,4]triazin-4-one is the common name.

Chemical Name: 2-(2-ethoxyphenyl)-5-methyl-7-propylimidazo[5,1-f][1,2,4]triazin-4(3H)-one

Chemical structure:

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\text{Chemical structure image}
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Molecular Formula: C_{17}H_{20}N_{4}O_{2}

Pharmacological class / Application: Pharmaceutical-related substance

CAS-RN: 224789-21-3

International status:

US: 2-(2-Ethoxyphenyl)-5-methyl-7-propyl-3H-imidazo[5,1-f][1,2,4]triazin-4-one 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: 2-(2-Ethoxyphenyl)-5-methyl-7-propyl-3H-imidazo[5,1-f][1,2,4]triazin-4-one is not listed in the Schedules to the CDSA. The substance is an intermediate in the synthesis of vardenafil, a drug used for the treatment of male erectile dysfunction, and is not structurally similar to any of the substances included in the schedules to the CDSA.

Recommendation: 2-(2-Ethoxyphenyl)-5-methyl-7-propyl-3H-imidazo[5,1-f][1,2,4]triazin-4-one is not included in the schedules to the CDSA and is not a controlled substance.

Date: October 31st, 2012.

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