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

Substance: Levosulpiride

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: ______________

Vincent Marleau

Verified by: ________________________________  Date: ______________

Mark Kozlowski

Approved by: ________________________________  Date: ______________

DIRECTOR, OFFICE OF CONTROLLED SUBSTANCES

This status was requested by: Ozlem Topalak, Inspectorate
Drug Status Report

Drug: Levosulpiride

Drug Name Status: Dislep 25 is the drug name.

Chemical Name: \((R)\)-N-\(((1\text{-ethylpyrrolidin}-2\text{-yl})\text{methyl})\)-2-methoxy-5-sulfamoylbenzamide

Other Names: \((-)\)-N-\(((S)\text{-1-Ethyl-2-pyrrolidinyl})\text{methyl})\)-5-sulfamoyl-o-Anisamide; \((S)\)-\((-)\)-N-\(((1\text{-Ethyl-2-pyrrolidinyl})\text{methyl})\)-5-sulfamoyl-o-Anisamide; Benzamide, \(N\)-\(((1\text{-ethyl-2-pyrrolidinyl})\text{methyl})\)-2-methoxy-5-sulfamoyl-, \(S\)-\(\(-\)\): Levopraid; Nexiprine; \(S\)-\((-)\)-N-\(((1\text{-Ethyl-2-pyrrolidinomethyl})\text{methyl})\)-2-methoxy-5-sulfamoylbenzamide; \(S\)-\((-)\)-Sulpiride.

Chemical structure:

![Chemical Structure Diagram]

Molecular Formula: \(C_{15}H_{23}N_{3}O_{4}S\) CAS-RN: 23672-07-3

Pharmacological class / Application: Antipsychotic

International status:

US: Levosulpiride 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: Levosulpiride is not listed in the CDSA. The substance is used in the treatment of dyspepsia and is not similar in structure to any substances listed in the CDSA.

Recommendation: Levosulpiride is not included under any Schedules to the CDSA and is not a controlled substance.

Date: September 11\(^{th}\), 2012.

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