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

Substances : SB-505124

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 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: “third party information removed as per agreement with applicant”
Drug Status Report

Drug: SB-505124

Drug Name Status: SB-505124 is the common name.

Chemical Name: 2-(5-benzo[1,3]dioxol-5-yl-2-tert-butyl-3H-imidazol-4-yl)-6-methylpyridine

Chemical Structure:

Molecular Formula: C$_{20}$H$_{21}$N$_3$O$_2$

CAS-RN: 694433-59-5

Pharmacological class / Application: Growth factor inhibitor

International status:
US: SB-505124 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: SB-505124 is not listed in the schedules to the CDSA. The substance is a selective inhibitor for factor-B type-I receptor$^{1}$ and is not structurally similar to any of the substances listed in the CDSA.

Recommendation: SB-505124 is not included in the Schedules to the CDSA and is not a controlled substance.

Date: October, 2012.

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