Health Canada Santé Canada

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

Substance: R-(+)-Butylindazone

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 the substances listed in the schedules to the CDSA.

Prepared by: _____ Date: January 20th, 2012
Vincent Marleau

Verified by: _____ Date: _____
Mark Kozlowski

Approved by: _____ Date: _____
DIRECTOR, OFFICE OF CONTROLLED SUBSTANCES

This status was requested by: Tanya Arcand, OCS

Drug Status Report

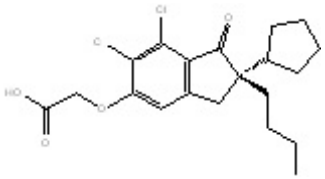
Drug: R-(+)-Butylindazone

Drug Name Status: R-(+)-Butylindazone is the common name.

Chemical Name: R-(+)-[(2-n-Butyl-6,7-dichloro-2-cyclopentyl-2,3-dihydro-1-oxo-1H-inden-5-yl)oxy]acetic acid

Other names: DIOA

Chemical structure:



Molecular Formula: $C_{20}H_{24}Cl_2O_4$

Pharmacological class / Application: Ion channel inhibitor

CAS-RN: 81166-47-4

International status:

US: R-(+)-Butylindazone is not listed in 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: R-(+)-Butylindazone is not listed in the schedules to the CDSA. The substance is reportedly an inhibitor of the K+/Cl- cotransporters and is not structurally similar to any of the substances listed in the schedules to the CDSA.

Recommendation: R-(+)-Butylindazone is not included in any of the Schedules to the CDSA and is not a controlled substance.

Date: January 20th, 2012