



Health
Canada

Santé
Canada



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

Substance: Cholecalciferol

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 similar to any of those listed in the CDSA.

Prepared by: Evelyn Soo Date: Sept 1st 2010

Verified by: Marianne Tang Date: _____

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

This status was requested by: Nacer Silarbi

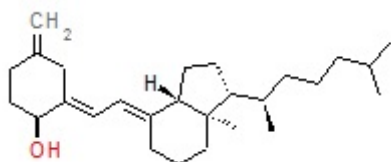
Drug Status Report

Drug: Cholecalciferol

Drug Name Status: Vitamin D3 is the common name.

Chemical Name: (3 β ,5Z,7E)-9,10-secocholestra-5,7,10(19)-trien-3-ol

Chemical Structure:



Molecular Formula: C₂₇H₄₄O

Pharmacological class / Application: vitamin

CAS-RN: 67-97-0

International status:

US: The substance is not listed specifically in the CSA 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 nor the Green List - List of Psychotropic Substances under International Control.

Canadian Status: Cholecalciferol is a prohormone produced *via* ultraviolet irradiation of 7-dehydrocholesterol. The substance serves a number of important physiological functions most notably, the mineralisation of bone, increasing serum calcium and phosphorus concentrations, regulation of parathyroid growth, as well as suppression of certain autoimmune disorders and cancers¹. The substance is not currently listed in the CDSA and is not structurally similar to any of the substances included in the Schedules to the CDSA.

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

Date: 1 September 2010

¹DeLuca, HF (2004) Overview of general physiologic features and functions of vitamin1-4, Am J. Clin. Nutri. 80: 1689S-1696S.