



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

Substance: Biotin

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 drug is currently not listed specifically on the CDSA.
The structure of the substance is not similar to any substance on the schedules to the CDSA.

Supporting document(s) attached: X

Prepared by: TIANA BRANCH Date: 2005-06-20

Verified by: See email Date: 2005-06-15
MICHAEL LEBELLE

Approved by: DIRECTOR, OFFICE OF CONTROLLED SUBSTANCES Date:

Drug Status Report

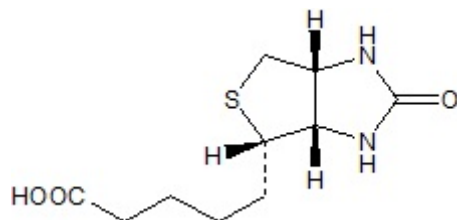
Drug: Biotin

Drug Name Status: Biotin INN and USAN

Chemical Name: Hexahydro-2-oxo-1H-thieno[3,4-d]imidazole-4-pentanoic acid

Other Names: cis-tetrahydro-2-oxothieno[3,4-d]imidazoline-4-valeric acid; cis-hexahydro-2-oxo-1H-thieno[3,4]imidazole-4-valeric acid; vitamin H; coenzyme R; bios II

Chemical structure:



Molecular Formula: C₁₀H₁₆N₂O₃S

Pharmacological class / Application: Growth factor

International status:

US: The drug is not currently listed on the US Controlled Substances Act and is not mentioned on the DEA website..

United Nations: The drug is not listed on the Yellow List - List of Narcotic Drugs under International Control. The drug is not listed on the Green List - List of Psychotropic Substances under International Control

Canadian Status: The drug is currently not listed specifically on the CDSA. The structure of the substance is not similar to any substance on the schedules to the CDSA.

Recommendation: Based on the information available, biotin is not currently included in the schedules to the CDSA.

June 15, 2005