



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

Substance: Valeric acid related substances including: Valeric Acid, 2-Methylvaleric Acid, 2-Ethylvaleric Acid, 2-Isopropylvaleric Acid, 2-Butylvaleric Acid

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):

- Valeric acid and the analogues listed above are not similar to any substance listed on the schedules to the CDSA

Supporting document(s) attached: Drug Status Report by Mr. LeBelle

Prepared by: Xiao Peng Feng Date: July 11, 2006

Drug Status Report by: Mr. M. LeBelle Date: July 4, 2006

Approved by: DIRECTOR, OFFICE OF CONTROLLED SUBSTANCES Date:

Drug Status Report

Drug: Valeric acid related substances

Valeric Acid

2-Methylvaleric Acid

2-Ethylvaleric Acid

2-Isopropylvaleric Acid

2-Butylvaleric Acid

This report results from the request for status evaluations for several substances

Drug Name Status: Valeric acid, 2-methylvaleric acid, 2-ethylvaleric acid, 2-isopropylvaleric acid and 2-butylvaleric acid are common names.

Chemical Name: (I) Pentanoic acid

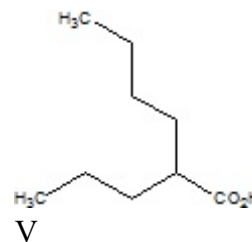
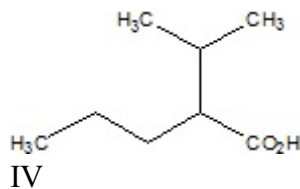
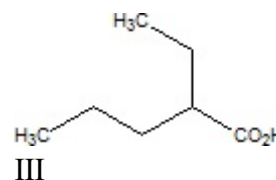
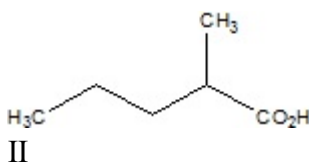
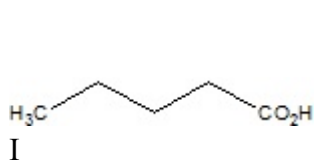
(II) 2-Methylpentanoic acid

(III) 2-Ethylpentanoic acid

(IV) 2-(1-Methylethyl)pentanoic acid

(V) 2-Propylhexanoic acid

Chemical structure:



Molecular Formula: (I) C₅H₁₀O₂

(II) C₆H₁₂O₂

(III) C₇H₁₄O₂

(IV) C₈H₁₆O₂

(V) C₉H₁₈O₂

Pharmacological/chemical class / Application: unknown

International status:

US: The substances are not listed on the US Controlled Substances Act and are not mentioned on the DEA website.

United Nations: The substances are 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: Valeric acid and the analogues shown above are not similar to any substance listed on the schedules to the CDSA.

Recommendation: Valeric acid related substances are not subject to the CDSA and are not controlled substances.

July 4, 2006

