



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

Substance: I - o-Tolunitrile
II - m-Tolunitrile

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 substances are not structurally similar to any of the substances listed in the Schedules to the CDSA.

Prepared by: Evelyn C Soo Date: November 16th 2010

Verified by: Marianne Tang Date:

Approved by: DIRECTOR, OFFICE OF CONTROLLED SUBSTANCES Date:

This status was requested by: "third party information removed as per agreement with applicant"

Drug Status Report

Drug: I - o-Tolunitrile
II - m-Tolunitrile

Drug Name Status: I - o-Tolunitrile
II - m-Tolunitrile are the common name.

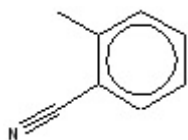
Chemical Name: I - 1-Methyl-2-cyanobenzene
II - 1-Methyl-3-cyanobenzene

Other Names:

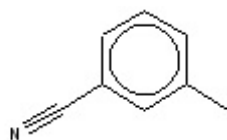
I - 2-Cyanotoluene; 2-methylbenzenecarbonitrile; 2-methylbenzonitrile; o-toluic nitrile; o-toluonitrile; o-tolynitrile.

II - 3-Cyanotoluene; 3-methylbenzonitrile; 3-tolunitrile; m-toluonitrile; n-tolynitrile.

Chemical structure:



I



II

Molecular Formula: I, II - C₈H₇N

Pharmacological class / Application: Fine chemical

CAS-RN: I - 529-19-1; II - 620-22-4

International status:

US: The substances are not listed specifically in the CSA and is not mentioned anywhere 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: o-Tolunitrile and m-Tolunitrile are two position isomers of tolunitrile and are claimed to be starting materials in 2-methyl- and 3-methylmethcathinone respectively. The substances are not currently listed in the CDSA and are not structurally similar to any of the

substances included in the Schedules to the CDSA. The status of p-tolunitrile would also be the same as these two substances.

Recommendation: o-Tolunitrile and m-Tolunitrile are not included in the schedules to the CDSA and are not controlled substances.

Date: November 16th 2010