Drug Status Report

Drug: (R)-1-BOC-3-hydroxy-piperidine (I)
1-Benzyl-3-hydroxy-piperidine (II)

Drug Name Status: (R)-1-BOC-3(aminomethyl)piperidine and 1-benzyl-3-hydroxy-piperidine are common names.

Chemical Name: 3-aminomethyl-1-(1,1-dimethylethoxycarbonyl)piperidine (I)
1-benzyl-piperidine-3-ol (II)

Chemical structure:

Molecular Formula: C_{10}H_{19}NO_{3} (I); C_{12}H_{17}NO (II)

Pharmacological class / Application: fine chemical

International status:

US: The substances are not listed on the schedules to 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: Piperidine and its salts is listed as a Class A precursor. (R)-1-BOC-3-hydroxy-piperidine (I) and the isomers of 1-benzyl-3-hydroxy-piperidine (II) are not salts of piperine so they are not included in the list of Class A precursors. These substances are also not similar to other substances listed on the schedules to the CDSA.

Recommendation: (R)-1-BOC-3-hydroxy-piperidine (I) and 1-benzyl-3-hydroxy-piperidine (II) are not included in the schedules to the CDSA and are not controlled substances.

April 4, 2007