Drug Status Report

Drug: 4-Butylpiperidine

Drug Name Status: 4-butylpiperidine is the common name

Chemical Name: 4-butylpiperidine; 4-(2-methylpropyl)piperidine; 4-(1,1-dimethylethyl)piperidine

Chemical structure:

There are three possible positional isomers of 4-butylpiperidines.

Molecular Formula: $C_9H_{19}N$

Pharmacological class / Application: fine chemical

International status:

US: The 4-butylpiperidines are not currently listed explicitly 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” are Class A precursors. 4-Butylpiperidine and other positional isomers, 2-butylpiperidine and 3-butylpiperidine are not salts of piperidine and are not included in the schedules to the CDSA.

Recommendation: 4-Butylpiperidine and its isomers are not included in the schedules to the CDSA and are not controlled substances.

March 16, 2007