

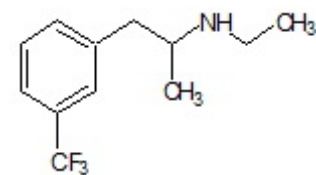
Drug Status Report

Drug: Fenfluramine

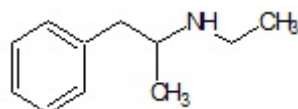
Drug Name Status: Fenfluramine is the proper name (INN, USAN)

Chemical Name: N-ethyl- α -methyl-3-(trifluoromethyl)benzeneethanamine

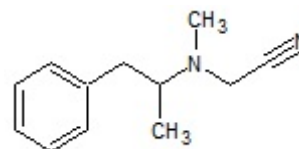
Chemical structure:



Fenfluramine



N-Ethylamphetamine



Selegiline

Molecular Formula: C₁₂H₁₆F₃N

Pharmacological class / Application: appetite depressant

International status:

US: The substance is listed on the US Controlled Substances Act in Schedule IV.

United Nations: The substance is 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: Fenfluramine and its dextro isomer, dexfenfluramine, are currently listed on Schedule F to the Food and Drug Regulations. These drugs were withdrawn from the market due to adverse cardiac effects. Fenfluramine is structurally similar to the amphetamine family; an argument could be made that fenfluramine is an amphetamine analogue. The structures of N-ethylamphetamine and selegiline, another substance listed on Schedule F to the FDR are shown for information.

Recommendation: Fenfluramine and dexfenfluramine are not included in the schedules to the CDSA and are not controlled substances.

May 5, 2007