Drug Status Report

**Drug:** Tetrodotoxin

**Drug Name Status:** Tetrodotoxin is the common name.

**Chemical Name:** 4,7,10,11,12-Pentol, octahydro-12-(hydroxymethyl)-2-imino-5,9:7,10a-dimethano-10H-(1,3)dioxocino(6,5-d)pyrimidine

**Chemical structure:**

![Chemical structure of Tetrodotoxin]

**Molecular Formula:** $\text{C}_{11}\text{H}_{17}\text{N}_{3}\text{O}_{8}$

**Pharmacological class / Application:** aminoperhydroquinazoline poison

**International status:**

US: The substance is not currently listed on the schedules to the US Controlled Substances Act and is not mentioned on the DEA website.

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: Tetrodotoxin is not similar to other substances listed on the schedules to the CDSA.

Recommendation: Tetrodotoxin is not included in the schedules to the CDSA and is not a controlled substance.

December 13, 2007