Drug Status Report

**Drug:** Benzimidazolone yellow

**Drug Name Status:** Benzimidazolone yellow is the common name.

**Other Names:** Pigment Yellow 151

**Chemical Name:**
2-[[1-[[2,3-Dihydro-2-oxo-1H-benzimidazol-5-yl]amino[carbonyl]-2-oxopropyl]azo]benzoic acid

**Chemical structure:**

![Chemical structure diagram]

**Molecular Formula:** $C_{18}H_{15}N_{5}O_{5}$

**Pharmacological class / Application:** common colouring agent

**International status:**

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

United Nations: The substance 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: Benzimidazolone yellow is a derivative of anthranilic acid which is a Class A precursor. However, the listing for anthranilic acid does not include derivatives. In fact, a simple derivative of anthranilic acid, N-acetylanthranilic acid is listed separately.

**Recommendation:** Benzimidazolone yellow is not included in the list of Class A precursors and is not controlled by the CDSA.

March 20, 2007