Drugs Status Report

**Drug**: Malonic acid

**Drug Name Status**: Malonic acid is the common name.

**Chemical Name**: Propanedioic acid

**Other Names**: Carboxyacetic acid; dicarboxymethane; methanedicarboxylic acid

**Chemical structure**:

![Chemical structure of Malonic acid](image)

**Molecular Formula**: C$_3$H$_4$O$_4$

**Pharmacological class / Application**: Acid

**International status**:

**US**: Malonic acid is not listed specifically in the Schedules to the CSA and is not mentioned anywhere on the DEA website.

**United Nations**: Malonic acid is not included in the UN Red List - List of Precursors and Chemicals Frequently Used in the Illicit Manufacture of Narcotic Drugs and Psychotropic Substances under International Control.

**Canadian Status**: Malonic acid is a widely used chemical reagent and a starting material for the synthesis of tilidine, which is controlled under item 17 of Schedule I to the CDSA. Since malonic acid is not a salt, derivative or salt of a derivative of tilidine, it is not included under item 17 of Schedule I to the CDSA. The substance is also is not similar in structure to any of the other substances listed in the Schedules to the CDSA.

Recommendation: Malonic acid is not included in any of the Schedules to the CDSA and is not a controlled substance.

April 12th 2010.