Drug Status Report

**Drug**: Ryanodine

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

**Chemical Name**: 6-(1alpha,5Abeta,8abeta,9-pentahydroxy-7beta-isopropyl-2beta,5beta,8beta-trimethylperhydro-8balpha,9-epoxy-5,8-ethanocyclopenta(1,2-b)indenyl) pyrrole-2-carboxylate

**Chemical structure**:

![Chemical structure of Ryanodine](image)

**Molecular Formula**: C_{25}H_{35}NO_{9}

**Pharmacological class / Application**: Ryanodine receptor agonist

**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: Ryanodine is not similar to any substance currently listed on the schedules to the CDSA.

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

December 11, 2007