



STATUS DECISION OF CONTROLLED AND NON-CONTROLLED SUBSTANCE(S)

Substance: trans-1-Methoxy-3-(trimethylsilyloxy)-1,3-butanediene

Based on the current information available to the Office of Controlled Substances, it appears that the above substance is:

- Controlled
- Not Controlled

under the schedules of the *Controlled Drugs and Substances Act* (CDSA) for the following reason(s):

- The substance is not included in the schedules to the CDSA and is not structurally similar to any of the substances listed in the Schedules to the CDSA.

Prepared by: _____ Date: 2010-08-09
Victoria-Magali Zelaya

Verified by: _____ Date: _____
Marianne Tang

Approved by: _____ Date: _____
DIRECTOR, OFFICE OF CONTROLLED SUBSTANCES

This status was requested by: "third party information removed as per agreement with applicant"

Drug Status Report

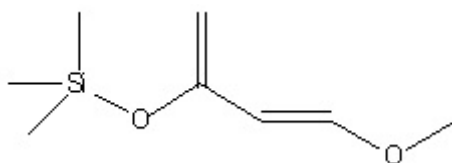
Drug: trans-1-Methoxy-3-(trimethylsilyloxy)-1,3-butanediene

Drug Name Status: 1-Methoxy-3-(trimethylsilyloxy)-1,3-butanediene

Chemical Name: Methoxy-3-(trimethylsilyloxy)-1,3-butanediene

Other Names: Methyl 3-trimethylsilyloxybuta-1,3-dien-1-yl ether; ((3-methoxy-1-methylene-2-propen-1-yl)oxy)trimethyl-silane; ((3-methoxy-1-methylene-2-propenyl)oxy)trimethyl-silane

Chemical structure:



Molecular Formula: C₈H₁₆O₂Si

Pharmacological class / Application: Fine Chemical

CAS-RN: 59414-23-2

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: 1-Methoxy-3-(trimethylsilyloxy)-1,3-butanediene is a reagent used in organic synthesis reactions¹ and is claimed to be a starting material in the synthesis of dronabinol derivatives. The substance is not listed in the CDSA and is not structurally similar to any of the substances listed in the Schedules to the CDSA.

¹Merck Index An Encyclopedia of Chemicals, Drugs and Biologicals (2006), 4th edition, Merck Research Laboratories

Recommendation: trans-1-Methoxy-3-(trimethylsilyloxy)-1,3-butadiene is not included in the schedules to the CDSA and is not a controlled substance.

Date: August 9th 2010