

## Drug Status Report

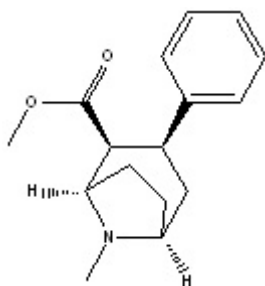
**Drug:** (-)-2β-Carbomethoxy-3β-(phenyltropane) tartrate

**Drug Name Status:** (-)-2β-Carbomethoxy-3β-phenyltropane

**Chemical Name:** 8-Azabicyclo(3.2.1)octane-2-carboxylic acid, 8-methyl-3-phenyl-, methyl ester, (1R-(exo,exo))-

**Other Names:** WIN 350650-2

**Chemical structure:**



**Molecular Formula:** C<sub>15</sub>H<sub>18</sub>INO<sub>2</sub>

**Pharmacological class / Application:** stimulant

**International status:**

**US:** The substance is not listed specifically in the Schedules to the CSA and is not mentioned in the DEA website. However, it may be considered a controlled substance under Schedule II to the CSA.

**United Nations:** The substance is not listed on the Yellow List - List of Narcotic Drugs under International Control. The drug is not listed on the Green List - List of Psychotropic Substances under International Control.

**Canadian Status:** (-)-2β-Carbomethoxy-3β-phenyltropane is a phenyltropane derivative of cocaine and has been shown in *vivo* studies to be tens time more potent than the parent compound, (-)-cocaine<sup>1</sup>. Cocaine is listed as Item 2(2) under Schedule I to the CDSA and (-)-2β-Carbomethoxy-3β-phenyltropane and its tartrate are included under Item 2(2) of Schedule I under the heading “Coca (Erythroxyton), its preparations, derivatives, alkaloids and salts, including:”

Recommendation (-)-2β-Carbomethoxy-3β-phenyltropane is included in Item 2 of Schedule I to

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<sup>1</sup>Spealman, RD. *et al.* (1983) Stereoselective behavioral effects of cocaine and a phenyltropane analog, J Pharmacol. Exp. Thera. **225**:509-514.

the CDSA and is considered a controlled substance.

March 8<sup>th</sup>, 2010.