

## Drug Status Report

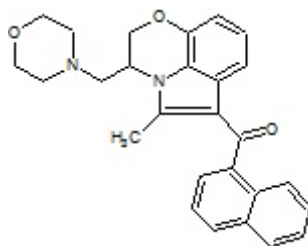
**Drug:** WIN 55,212-2

**Drug Name Status:** WIN 55,212-2 is the common name.

**Chemical Name:**

(+)-(2,3-dihydro-5-methyl-3-(4-morpholinylmethyl)pyrrolo(1,2,3-de)-1,4-benzoxazin-6-yl)-1-naphthalenyl-methanone

**Chemical structure:**



**Molecular Formula:** C<sub>27</sub>H<sub>26</sub>N<sub>2</sub>O<sub>3</sub>

**Pharmacological class / Application:**

**International status:**

US: The substance is not listed on the schedules to the US Controlled Substances Act.

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: Item 1 of Schedule II to the CDSA is, "Cannabis, its preparations, derivatives and similar synthetic preparations." WIN 55,212-2 is a well known cannabinoid receptor agonist<sup>1</sup>, an activity characteristic of the cannabinoids. Status decisions have been made on several other cannabinoid receptor agonists and antagonists. See decisions for anandamide; methanandamide; WIN 555212; JWH 015; O-2050, CP55940, AM630, AM251 and SR 141716A. Cannabinoid receptor agonists have been declared to be included within item 1 of Schedule II to the CDSA by virtue of being "similar synthetic preparations." Cannabinoid receptor antagonists have been declared to fall outside item 1 of Schedule II to the CDSA.

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<sup>1</sup> Baek J, Zheng Y, Darlington CL, Smith PF. *Neurosci Lett.* 2009 Oct 16;464(1):71-3. Epub 2009 Aug 8.

Recommendation: WIN 55,212-2 is included in item 1 of Schedule II to the CDSA and is a controlled substance.

October 15, 2009