Drug Status Report

**Drug**: NIDA-41020

**Drug Name Status**: NIDA-41020 is the common name.

**Chemical Name**: N-piperidino-5-(4-methoxyphenyl)-1-(2,4-dichlorophenyl)-4-methyl-3-pyrazole-carboxamide

**Chemical structure**:

![Chemical structure diagram]

**Molecular Formula**: $C_{23}H_{24}Cl_2N_4O_2$

**Pharmacological class / Application**: cannabinoid receptor antagonist

**International status**:

**US**: NIDA-41020 is not listed in the Schedules to the CSA 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. The drug is not listed on the Green List - List of Psychotropic Substances under International Control.

**Canadian Status**: NIDA-41020 is a cannabinoid receptor antagonist and has been shown to display greater selectivity towards the $\text{CB}_1$ receptors than the $\text{CB}_2$ receptors\(^1\). 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, however, have been declared to fall outside item 1 of Schedule II to the CDSA. Accordingly, NIDA-41020 is not included under item 1 of Schedule II to the CDSA.

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Recommendation: NIDA-41020 is not included in item 1 of Schedule I to the CDSA and is not a controlled substance.

April 7th, 2010.