

Drug Status Report

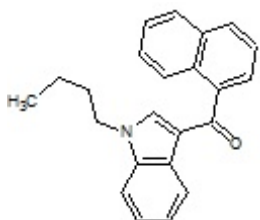
Drug: JWH-073

Drug Name Status: JWH-073 is the common name.

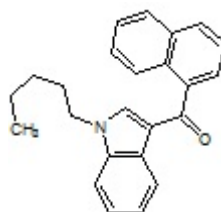
Other Names: 1-butyl-3-(1-naphthoyl)indole

Chemical Name: Naphthalen-1-yl-(1-butylindol-3-yl)methanone

Chemical structure:



JWH-073



JWH-018

Molecular Formula: C₂₃H₂₁NO

Pharmacological class / Application: cannabinoid receptor (CB₁ and CB₂) agonist

International status:

US: The substance is not listed on the schedules to the US Controlled Substances Act. It is considered a drug of concern¹.

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." JWH-073, like its pentyl analogue which is known as JWH-018 (structure above), is a synthetic cannabinoid which is a CB₁ and CB₂ agonist. As a cannabinoid receptor agonist it is considered to be included in item 1 of Schedule II to the CDSA as a similar synthetic preparation. 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.

¹ http://www.deadiversion.usdoj.gov/drugs_concern/spice/spice_jwh073.htm

Recommendation: JWH-073 is included in item 1 of Schedule II to the CDSA and is a controlled substance.

August 11, 2009