

Drug Status Report

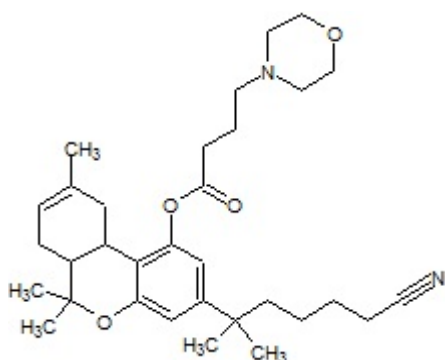
Drug: O1057

Drug Name Status: O1057 is the common name

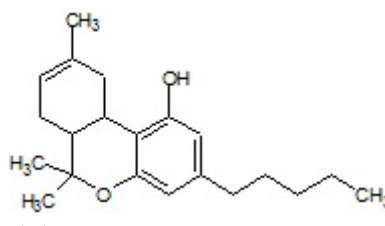
Chemical Name: 4-Morpholinebutanoic acid

(6aR,10aR)-3-(5-cyano-1,1-dimethylpentyl)-6a,7,10,10a-tetrahydro-6,6,9-trimethyl-6H-dibenzo[b,d]pyran-1-yl- ester

Chemical structure:



O1057



delta⁸-THC

Molecular Formula: C₃₂H₄₆N₂O₄

Pharmacological class / Application: cannabinoid analogue

International status:

US: The substance is not currently listed on 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: O1057 is not listed specifically on the CDSA. Item 1 of Schedule II to the CDSA includes, "Cannabis, its preparations, derivatives and similar synthetic preparations." This item includes, in addition to the well known components of cannabis, other substances similar in structure to the classical cannabinoids. OCS has made decisions that ajulemic acid and canbisol were included in Schedule II to the CDSA because they were "similar synthetic preparations" within the meaning of the heading to item 1 of Schedule II. The structure of Δ⁸-THC is shown above to illustrate the similarity of O1057 to this cannabinoid.

Recommendation: O1057 is a synthetic preparation similar to derivatives of cannabis and is included in item 1 of Schedule II to the CDSA.

March 28, 2007