

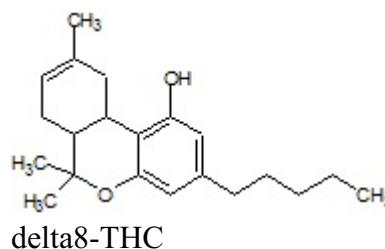
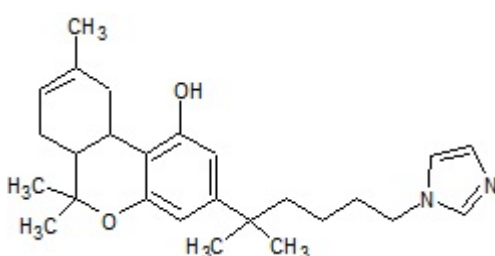
Drug Status Report

Drug: O2545

Drug Name Status: O2545 is the common name

Chemical Name: (6aR,10aR)-6a,7,10,10a-Tetrahydro-3- [5-(1H-imidazol-1-yl)-1,1-dimethylpentyl]-6,6,9-trimethyl-6H-dibenzo[b,d]pyran-1-ol

Chemical structure:



Molecular Formula: C₂₆H₃₆N₂O₂

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: O2545 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 O2545 to this cannabinoid.

Recommendation: O2545 is a synthetic preparation similar to derivatives of cannabis and is included in item 1 of Schedule II to the CDSA.

March 28, 2007