JWH 200
Item No. 10902

CAS Registry No.: 103610-04-4
Formal Name: [1-[2-(4-morpholinyl)ethyl]-1H-indol-3-yl]-1-naphthalenyl-methanone
MF: C_{25}H_{24}N_{2}O_{2}
FW: 384.5
Purity: ≥98%
UV/Vis.: λ_{max}: 219, 314 nm
Supplied as: A crystalline solid
Storage: -20°C
Stability: ≥5 years

Information represents the product specifications. Batch specific analytical results are provided on each certificate of analysis.

Description

JWH 200 is an aminoalkylindole that acts as a cannabinoid (CB) receptor ligand. It binds to the CB1 receptor with high-affinity (IC_{50} = 7.8-42 nM).\textsuperscript{1,2} The effects of JWH 200 in locomotor activity, tail-flick latency, hypothermia, and ring-immobility tests are comparable or superior to Δ^{9}\textsuperscript{-}THC or WIN 55,212.\textsuperscript{3} It potently inhibits the contraction of electrically-stimulated murine vas deferens (IC_{50} = 3.7-6.0 nM).\textsuperscript{4,5} This product is intended for forensic and research applications.

References