

Product Data Sheet

Product Name: JWH 309 5'-isomer

Cat. No.: GC52510

Chemical Properties

Cas. No.

SMILES CCCCCN1C=CC(C(C2=CC=CC3=C2C=CC=C3)=O)=C1C4=CC=CC5=C4C=CC=C5

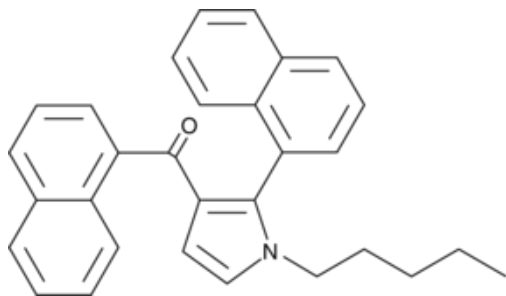
Formula C30H27NO M.Wt 417.6

Solubility DMF: 20 mg/ml, DMSO: 20 mg/ml, Ethanol: 20 mg/ml Storage -20°C

General tips For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution: ship with blue ice All other available size: ship with RT, or blue ice upon request.

Structure



Background

JWH 309 is a (1-naphthoyl) pyrrole cannabimimetic that potently activates both the central cannabinoid (CB) receptor, CB₁, and the peripheral CB₂ receptor (K_i = 41 and 49 nM, respectively).¹ JWH 309 5'-isomer differs from JWH 309 by having a naphthyl group at the 5' position, rather than the 2' position, of the pyrrole group. The physiological properties of this compound are unknown. This product is intended for forensic and research purposes.

1. Huffman, J.W., Padgett, L.W., Isherwood, M.L., et al. 1-Alkyl-2-aryl-4-(1-naphthoyl)pyrroles: New high affinity ligands for the cannabinoid CB₁ and CB₂ receptors. *Bioorg. Med. Chem. Lett.* 16(20):5432-5435(2006)

Caution: Product has not been fully validated for medical applications. For research use only.

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