

Product Data Sheet

Product Name: JWH 369

Cat. No.: GC43990

Chemical Properties

Cas. No. 914458-27-8

Chemical Name [5-(2-chlorophenyl)-1-pentyl-1H-pyrrol-3-yl]-1-naphthalenyl-methanone

SMILES O=C(C1=CN(CCCCC)C(C2=CC=CC=C2Cl)=C1)C3=C4C(C=CC=C4)=CC=C3

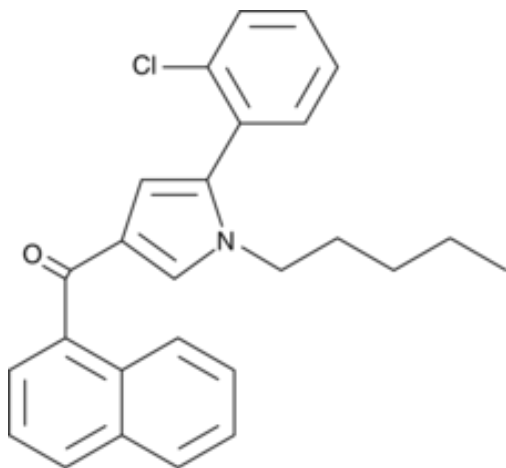
Formula C₂₆H₂₄ClNO M.Wt 401.9

Solubility 14mg/mL in ethanol, or in DMSO, or in DMF Storage Store at -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 369 is a synthetic cannabinoid (CB) that potently activates the central CB1 and peripheral CB2 receptors ($K_i = 7.9$ and 5.2 nM, respectively).[1] While the physiological actions of JWH 369 have not been examined, similar naphthoyl pyrroles are effective in the mouse spontaneous activity and tail flick assays. [1] This product is intended for forensic and research purposes.

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

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Reference:

[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)

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