

Product Data Sheet

Product Name: JWH 175

Cat. No.: GC18808

Chemical Properties

Cas. No. 619294-35-8

Chemical Name 3-(1-naphthalenylmethyl)-1-pentyl-1H-indole

SMILES CCCCCN1C2=CC=CC=C2C(CC3=CC=CC4=C3C=CC=C4)=C1

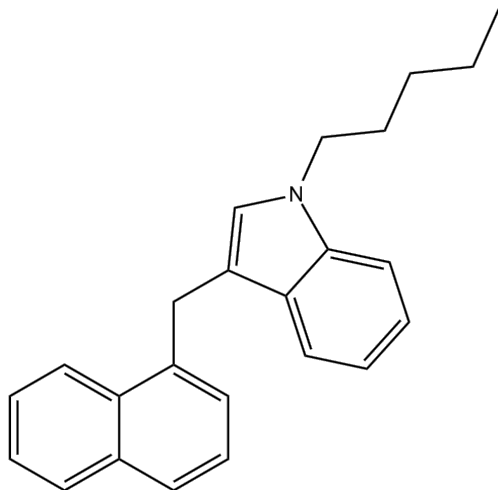
Formula $C_{24}H_{25}N$ M.Wt 327.5

Solubility 20mg/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 175 is a synthetic cannabinoid (CB) that potently activates the central CB1 receptor ($K_i = 22$ nM).[1] As a naphthylmethylindole, it is structurally related to JWH 018. The properties of this compound at the peripheral CB2 receptor or in vivo have not been characterized. This product is

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

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intended for forensic and research purposes.

Reference:

[1]. Huffman, J.W., Mabon, R., Wu, M.J., et al. 3-indolyl-1-naphthylmethanes: New cannabimimetic indoles provide evidence for aromatic stacking interactions with the CB1 cannabinoid receptor. Bioorganic & Medicinal Chemistry 11, 539-549 (2003).

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