

Product Data Sheet

Product Name: JWH 182

Cat. No.: GC18842

Chemical Properties

Cas. No. 824960-02-3

Chemical Name (1-pentyl-1H-indol-3-yl)(4-propyl-1-naphthalenyl)-methanone

SMILES CCCCCN1C=C(C(C2=C(C=CC=C3)C3=C(CCC)C=C2)=O)C4=C1C=CC=C4

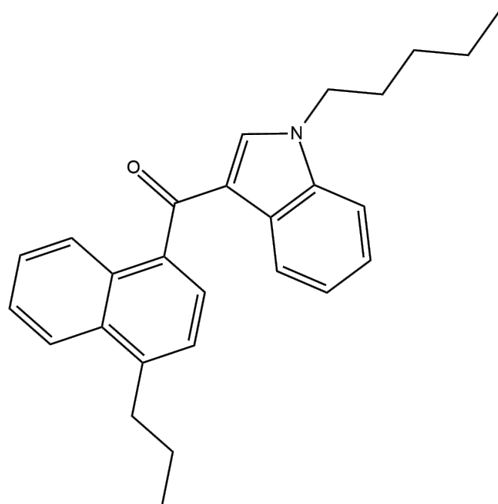
Formula $C_{27}H_{29}NO$ M.Wt 383.5

Solubility 0.5mg/mL in ethanol, 20mg/mL in DMSO, 50mg/mL 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 182 is a potent synthetic cannabinoid (CB), activating the central CB1 receptor with a K_i value of 0.65 nM and the peripheral CB2 receptor with a K_i value of 1.1 nM.[1] Its effects in cells and animals are unknown.

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

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA

Product Data Sheet

Reference:

[1]. Huffman, J.W., Zengin, G., Wu, M.J., et al. Structure-activity relationships for 1-alkyl-3-(1-naphthoyl)indoles at the cannabinoid CB1 and CB2 receptors: Steric and electronic effects of naphthoyl substituents. New highly selective CB2 receptor agonists. Bioorg. Med. Chem. 13, 89-112 (2005).

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

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA