**JWH 387**  
*Item No. 12020*

**CAS Registry No.:** 1366067-59-5  
**Formal Name:** (4-bromo-1-naphthalenyl)(1-pentyl-1H-indol-3-yl)-methanone  
**MF:** C_{24}H_{22}BrNO  
**FW:** 420.3  
**Purity:** ≥98%  
**Stability:** ≥1 year at -20°C  
**Supplied as:** A solution in methyl acetate  
**UV/Vis.:** λ_{max}: 218, 315 nm

**Laboratory Procedures**  
For long term storage, we suggest that JWH 387 be stored as supplied at -20°C. It should be stable for at least one year. JWH 387 is supplied as a solution in methyl acetate. To change the solvent, simply evaporate the methyl acetate under a gentle stream of nitrogen and immediately add the solvent of choice. Solvents such as ethanol, DMSO, and dimethyl formamide purged with an inert gas can be used. The solubility of JWH 387 in these solvents is approximately 30 mg/ml. JWH 387 is sparingly soluble in aqueous solutions. To enhance aqueous solubility, dilute the organic solvent solution into aqueous buffers or isotonic saline. If performing biological experiments, ensure the residual amount of organic solvent is insignificant, since organic solvents may have physiological effects at low concentrations. We do not recommend storing the aqueous solution for more than one day.

JWH 387 is an analgesic cannabimimetic from the naphthoylindole family that acts as a potent cannabinoid (CB) agonist at both the central CB1 and peripheral CB2 receptors with Kᵢ values of 1.2 and 1.1 nM, respectively.¹ This product is intended for research and forensic purposes.

**Reference**  

**Related Products**  
For a list of related products please visit: [www.caymanchem.com/catalog/12020](http://www.caymanchem.com/catalog/12020)

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**WARNING:** This product is for laboratory research only; not for administration to humans. Not for human or veterinary diagnostic or therapeutic use.

**MATERIAL SAFETY DATA**  
This material should be considered hazardous until information to the contrary becomes available. Do not ingest, swallow, or inhale. Do not get in eyes, on skin, or on clothing. Wash thoroughly after handling. This information contains some, but not all, of the information required for the safe and proper use of this material. Before use, the user must review the complete Material Safety Data Sheet, which has been sent via email to your institution.

**WARRANTY AND LIMITATION OF REMEDY**  
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Said refund or replacement is conditioned on Buyer giving written notice to Cayman within thirty (30) days after arrival of the material at its destination. Failure of Buyer to give said notice within thirty (30) days shall constitute a waiver by Buyer of all claims hereunder with respect to said material. For further details, please refer to our Warranty and Limitation of Remedy located on our website and in our catalog.

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