

Product Data Sheet

Product Name: EAM2201

Cat. No.: GC43583

Chemical Properties

Cas. No. 1364933-60-7

Chemical Name (4-ethyl-1-naphthalenyl)[1-(5-fluoropentyl)-1H-indol-3-yl]-methanone

SMILES CCC1=CC=C(C(C2=CN(CCCCCF)C3=C2C=CC=C3)=O)C4=C1C=CC=C4

Formula C₂₆H₂₆FNO

M.Wt 387.5

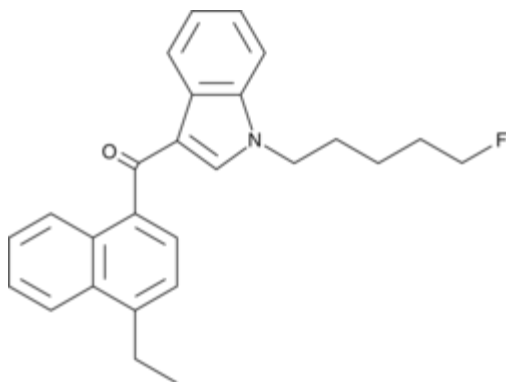
Solubility DMF: 20 mg/ml, DMSO: 20 mg/ml, Ethanol: 5 mg/ml

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

AM2201 is a potent synthetic cannabinoid (CB) with K_i values of 1.0 and 2.6 nM for the central CB1 and peripheral CB2 receptors, respectively.[1] It has been detected in herbal blends.[2] EAM2201 is an analog of AM2201 having an ethyl group added to the 4 position of the naphthyl group. The physiological properties of this compound are unknown. This product is intended for forensic and research applications.

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

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Reference:

- [1]. Makriyannis, A., and Deng, H. Cannabimimetic indole derivatives. PCT/US00/28832, (2001).
[2]. Simolka, K., Lindigkeit, R., Schiebel, H.M., et al. Analysis of synthetic cannabinoids in "spice-like" herbal highs: Snapshot of the German market in summer 2011. Analytical and Bioanalytical Chemistry 1-15 (2012).

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