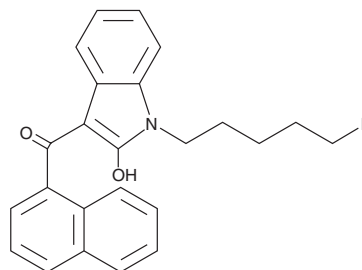# PRODUCT INFORMATION

AM2201 2-hydroxyindole metabolite
Item No. 11194

CAS Registry No.: 2749391-49-7
Formal Name: (1-(5-fluoropentyl)-2-hydroxy-1H-indol-3-yl)(naphthalen-1-yl)methanone
MF: $C_{24}H_{22}FNO_2$
FW: 375.4
Purity: ≥98%
UV/Vis.: λ_{max}: 217, 265, 310 nm
Supplied as: A solution in acetonitrile
Storage: -20°C
Stability: ≥4 years

Information represents the product specifications. Batch specific analytical results are provided on each certificate of analysis.

Description

AM2201 is a potent synthetic cannabinoid (CB) with K_i values of 1.0 and 2.6 nM for the central CB_1 and peripheral CB_2 receptors, respectively.[1] AM2201 2-hydroxyindole metabolite is a potential monohydroxylated urinary metabolite of AM2201, based on the known metabolism of similar compounds.[2] Its biological actions are unknown. This product is intended for forensic and research applications.

References

1. Makriyannis, A. and Deng, H. Cannabimimetic indole derivatives. **WO01/28557A1**, 1-25, PCT/US00/28832 (2001).
2. Wintermeyer, A., Möller, I., Thevis, M., *et al. In vitro* phase I metabolism of the synthetic cannabimimetic JWH-018. *Anal. Bioanal. Chem.* **398**, 2141-53 (2010).

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