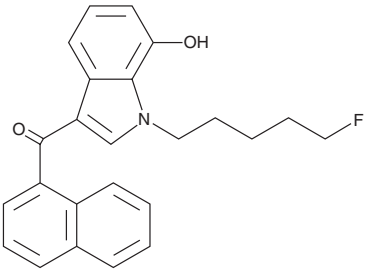
PRODUCT INFORMATION

AM2201 7-hydroxyindole metabolite

Item No. 11193

CAS Registry No.:	1537889-11-4
Formal Name:	(1-(5-fluoropentyl)-7-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}: 219, 351 nm
Supplied as:	A 10 mg/ml solution in acetonitrile
Storage:	-20°C
Stability:	≥5 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 cannabinoid (CB_1) and peripheral cannabinoid (CB_2) receptors, respectively.[1] AM 2201 7-hydroxyindole metabolite is an expected minor monohydroxylated urinary metabolite of AM2201, based on the known metabolism of similar compounds.[2] Its biological actions are unknown.

References

1. Makriyannis, A. and Deng, H. Cannabimimetic indole derivatives. WO 01/28557 A1 (2001), 1-25, PCT/US00/28832.
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).

WARNING
THIS PRODUCT IS FOR RESEARCH ONLY - NOT FOR HUMAN OR VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.

SAFETY DATA
This material should be considered hazardous until further information becomes available. Do not ingest, inhale, get in eyes, on skin, or on clothing. Wash thoroughly after handling. Before use, the user must review the complete Safety Data Sheet, which has been sent *via* email to your institution.

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