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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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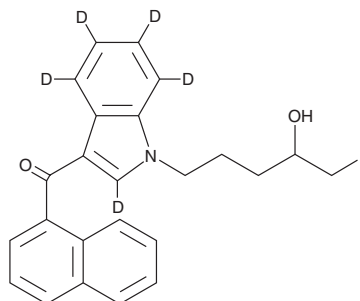
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PRODUCT INFORMATION



AM2201 N-(4-hydroxypentyl) metabolite-d₅ Item No. 11457

CAS Registry No.: 2747914-09-4
Formal Name: (1-(5-fluoro-4-hydroxypentyl)-1H-indol-3-yl-2,4,5,6,7-d₅)(naphthalen-1-yl)methanone
MF: C₂₄H₁₇D₅FNO₂
FW: 380.5
Chemical Purity: ≥98% (AM2201 N-(4-hydroxypentyl) metabolite)
Deuterium Incorporation: ≥99% deuterated forms (d₁-d₅); ≤1% d₀
UV/Vis.: λ_{max}: 218, 246, 315 nm
Supplied as: A solution in methanol
Storage: -20°C
Stability: ≥4 years



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

Description

AM2201 N-(4-hydroxypentyl) metabolite-d₅ (Item No. 11457) is intended for use as an internal standard for the quantification of AM2201 N-(4-hydroxypentyl) metabolite (Item No. 10203) by GC- or LC-MS. The accuracy of the sample weight in this vial is between 5% over and 2% under the amount shown on the vial. If better precision is required, the deuterated standard should be quantitated against a more precisely weighed unlabeled standard by constructing a standard curve of peak intensity ratios (deuterated *versus* unlabeled).

AM2201 is a potent synthetic cannabinoid (CB) with K_i values of 1.0 and 2.6 nM for the CB₁ and CB₂ receptors, respectively.¹ AM2201 N-(4-hydroxypentyl) metabolite is an expected 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.

WARRANTY AND LIMITATION OF REMEDY

Buyer agrees to purchase the material subject to Cayman's Terms and Conditions. Complete Terms and Conditions including Warranty and Limitation of Liability information can be found on our website.

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