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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

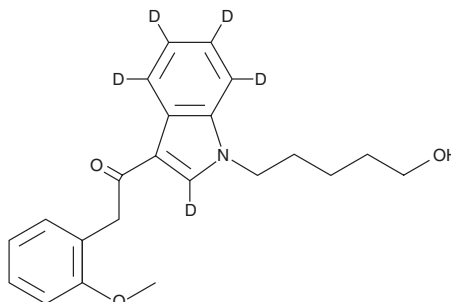
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PRODUCT INFORMATION



JWH 250 N-(5-hydroxypentyl) metabolite-d₅ Item No. 11474

CAS Registry No.: 2748212-89-5
Formal Name: 1-[1-(5-hydroxypentyl)-1H-indol-3-yl-2,4,5,6,7-d₅]-2-(2-methoxyphenyl)-ethanone
MF: C₂₂H₂₀D₅NO₃
FW: 356.5
Chemical Purity: ≥98% JWH 250 N-(5-hydroxypentyl) metabolite
Deuterium Incorporation: ≥99% deuterated forms (d₁-d₅); ≤1% d₀
UV/Vis.: λ_{max}: 212, 245, 303 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

JWH 250 N-(5-hydroxypentyl) metabolite-d₅ (Item No. 11474) is intended for use as an internal standard for the quantification of JWH 250 N-(5-hydroxypentyl) metabolite (Item No. 9000767) 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).

Cannabimimetic indoles, including certain “JWH” compounds, have been identified in herbal blends.¹ Hydroxylated and glucuronidated metabolites of two closely-related compounds, JWH 015 and JWH 018, have been identified from *in vitro* liver microsomal metabolism and from urine, respectively.²⁻⁴ JWH 250 is a cannabimimetic indole that is structurally- and functionally-related to JWH 015 and JWH 018. JWH 250 N-(5-hydroxypentyl) metabolite is expected to be a metabolite of JWH 250 that would be detectable both in serum and in urine.

References

1. Uchiyama, N., Kikura-Hanajiri, R., Kawahara, N., *et al. Forensic Toxicol.* **27**, 61-66 (2009).
2. Zhang, Q., Ma, P., Cole, R.B., *et al. Anal. Bioanal. Chem.* **386**, 1345-1355 (2006).
3. Sobolevsky, T., Prasolov, I., and Rodchenkov, G. *Forensic Sci. Int.* **200**, 141-147 (2010).
4. Moran, C.L., Le, V.H., Chimalakonda, K.C., *et al. Anal. Chem.* **83**(11), 4228-4236 (2011).

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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CAYMAN CHEMICAL

1180 EAST ELLSWORTH RD
ANN ARBOR, MI 48108 · USA

PHONE: [800] 364-9897
[734] 971-3335

FAX: [734] 971-3640

CUSTSERV@CAYMANCHEM.COM
WWW.CAYMANCHEM.COM