

PRODUCT INFORMATION



RCS-4 M10 metabolite

Item No. 11978

CAS Registry No.: 1952336-77-4
Formal Name: (1-(5-hydroxypentyl)-1H-indol-3-yl)(4-hydroxyphenyl)methanone
Synonym: RCS-4 N-(5-hydroxypentyl)phenol metabolite

MF: C₂₀H₂₁NO₃

FW: 323.4

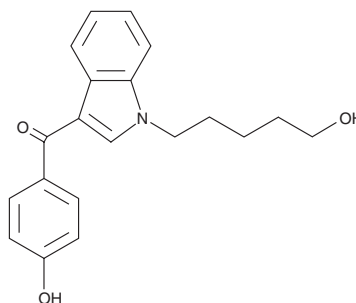
Purity: ≥95%

UV/Vis.: λ_{max}: 214, 272, 319 nm

Supplied as: A crystalline solid

Storage: 20°C

Stability: As supplied, 2 years from the QC date provided on the Certificate of Analysis, when stored properly



Description

RCS-4 (Item No. 10645) is a synthetic cannabinoid which has been detected in herbal mixtures.¹ RCS-4 M10 metabolite is a major urinary metabolite of RCS-4, characterized by O-demethylation/monohydroxylation of the N-pentyl chain.² Its metabolism has been derived using GC-MS analysis.² This metabolite is potentially useful as a metabolic marker for the identification of RCS-4 ingestion and is therefore intended for research and forensic purposes.

References

1. Kikura-Hanajiri, R., Uchiyama, N., and Goda, Y. Survey of current trends in the abuse of psychotropic substances and plants in Japan. *Leg. Med. (Tokyo)* **13(3)**, 109-15 (2011).
2. Kavanagh, P., Grigoryev, A., Melnik, A., *et al.* The identification of the urinary metabolites of 3-(4-methoxybenzoyl)-1-pentylindole (RCS-4), a novel cannabimimetic, by gas chromatography-mass spectrometry. *J. Anal. Toxicol.* **36**, 303-311 (2012).

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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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