

Product Data Sheet

Product Name: JWH 018 5-hydroxyindole metabolite-d9

Cat. No.: GC47485

Chemical Properties

Cas. No. N/A

SMILES [2H]C(C([2H])([2H])C([2H])([2H])C([2H])([2H])[2H])([2H])CN1C2=CC=C(O)C=C2C(C(C3=CC=CC4=C3C=CC=C4)=O)=C1

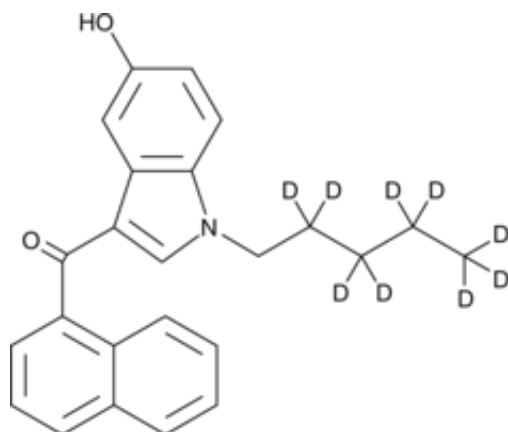
Formula C₂₄H₁₄D₉NO₂ M.Wt 366.5

Solubility DMF: 30 mg/ml, DMSO: 30 mg/ml Storage Store at -20°C

General For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the tips ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Evaluation sample solution: ship with blue ice All other available size: ship with RT, or Condition blue ice upon request.

Structure



Background

JWH 018 5-hydroxyindole metabolite-d₉ contains nine deuterium atoms at the 2, 2', 3, 3', 4, 4', 5, 5', and 5' positions. It is intended for use as an internal standard for the quantification of JWH 018 5-hydroxyindole metabolite by GC- or LC-mass spectrometry (MS). JWH 018 5-hydroxyindole metabolite is a major monohydroxylated urinary metabolite of JWH 018, a WIN 55,212-2 derivative that is a mildly selective agonist of the peripheral cannabinoid receptor. In urine samples, this metabolite is almost completely glucuronidated.¹

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA

Product Data Sheet

1. Sobolevsky, T., Prasolov, I., and Rodchenkov, G. Detection of JWH-018 metabolites in smoking mixture post-administration urine. *Forensic Sci. Int.* 200(1-3):141-147 (2010)

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA