JWH 122 N-(5-hydroxypentyl) metabolite
Item No. 10925

CAS Registry No.: 1379604-68-8
Formal Name: \([1-(5\text{-hydroxypentyl})-1\text{H-indol-3-yl})(4\text{-methyl-1-naphthalenyl})\text{-methanone}\]
Synonym: MAM2201 N-(5-hydroxypentyl) metabolite
MF: \(C_{25}H_{25}NO_2\)
FW: 371.5
Purity: \(\geq 98\%\)
UV/Vis.: \(\lambda_{\text{max}}: 222, 315\text{ nm}\)
Supplied as: A crystalline solid
Storage: -20°C
Stability: \(\geq 5\) years

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

Description

JWH 122 is a synthetic cannabinoid (CB) of the naphthoylindole class that is structurally related to JWH 018 and JWH 073. It displays high-affinities for both CB_1 (\(K_i = 0.69\text{ nM}\)) and CB_2 (\(K_i = 1.2\text{ nM}\)) receptors.\(^1,2\) JWH 122 N-(5-hydroxypentyl) metabolite is a metabolite of JWH 122 (Item No. 10591) that is characterized by monohydroxylation of the N-alkyl chain. Currently, there are no reports of its biological activity.

References