PRODUCT INFORMATION

(+)‐CP 47,497
Item No. 10910

CAS Registry No.: 134308-14-8
Formal Name: 2[(1R,3S)-3-hydroxycyclohexyl]-5-(2-methyloctan-2-yl)phenol
MF: C_{21}H_{34}O_{2}
FW: 318.5
Purity: ≥98%
UV/Vis.: λ_{\text{max}}: 219, 276 nm
Supplied as: A crystalline solid
Storage: -20°C
Stability: ≥4 years
Packaged by: Cayman Chemical Company

Description

CP 47,497 is a bicyclic cannabinoid (CB) analog with potent analgesic activity.\textsuperscript{1} It is comparable or more potent than Δ⁹-tetrahydrocannabinol in analgesic, motor depressant, anticonvulsant, and hypothermic effects in mice, rats, and dogs.\textsuperscript{2} The dextrorotatory enantiomer, (+)-CP 47,497 avidly binds the CB₁ receptor (Kᵢ = 4.15 nM).\textsuperscript{3}

References