

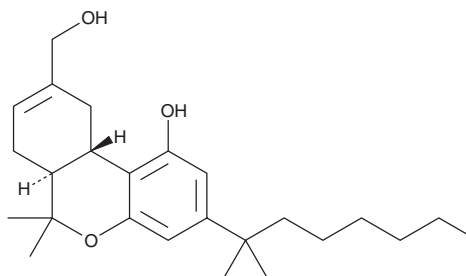
PRODUCT INFORMATION



HU-211

Item No. 10006350

CAS Registry No.: 112924-45-5
Formal Name: 3-(1,1-dimethylheptyl)-6aS,7,10,10aS-tetrahydro-1-hydroxy-6,6-dimethyl-6H-dibenzo[b,d]pyran-9-methanol
Synonym: Dexanabinol
MF: C₂₅H₃₈O₃
FW: 386.6
Purity: ≥98%
Supplied as: A crystalline solid
Storage: -20°C
Stability: ≥4 years



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

Description

The endocannabinoids present a rich system of central cannabinoid (CB₁), peripheral cannabinoid (CB₂), and non-CB receptor-mediated pharmacology that has stimulated research in many fields including memory, weight loss and appetite, neurodegeneration, tumor surveillance, analgesia, and inflammation.^{1,2} HU-211 is a synthetic terpene-based cannabinoid devoid of CB₁ and CB₂ agonist activity, thus lacking the psychomotor responses characteristic of Δ⁹-THC. HU-211 does exhibit the neuroprotective, antioxidant properties of other related compounds like cannabidiol.³ HU-211 also has anti-inflammatory properties derived through inhibition of NF-κB and the resulting decreases in cytokines such as TNF-α and interleukin-6.

References

1. Pertwee, R.G. Pharmacology of cannabinoid receptor ligands. *Current Medicinal Chemistry* **6**, 635-664 (1999).
2. Martin, B.R., Mechoulam, R., and Razdan, R.K. Discovery and characterization of endogenous cannabinoids. *Life Sci.* **65**, 573-595 (1999).
3. Juttler, E., Potrovita, I., Tarabin, V., et al. The cannabinoid dexanabinol is inhibitor of the nuclear factor-kappa B (NF-κB). *Neuropharmacology* **47**, 580-592 (2004).

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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