



Product Information

Cat. No. C7515
CANNABIDIOL--DEA SCHEDULE I

Metabolite of tetrahydrocannabinol; reference standard for chromatographic analysis.

Mol. Formula: $C_{21}H_{30}O_2$

Mol. Wt.: 314.47 (anhyd.)

m.p. 69°C

CAS Registry No.: 13956-29-1

Chemical Name: 2-[3-Methyl-6-(1-methylethenyl)-2-cyclohexen-1-yl]-5-pentyl-1,3-benzenediol

Physical Properties: White photosensitive solid.

Caution: The pharmacology of this compound is incompletely characterized and due care should be exercised in its use. Avoid skin contact, ingestion or inhalation.

Storage: Store tightly sealed at -20°C, protected from exposure to light.

Solubility: Soluble in ethanol, methanol or water.

Disposal: Dissolve or mix the compound with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber. This product is controlled by the Drug Enforcement Administration. Appropriate security must be maintained until the substance is destroyed. Records must be kept which detail the ultimate disposition of the material.

References:

1. *Merck Index 11th Ed.*, No. 1750.
2. Jones, A.B., ElSohly, H. N., ElSohly, M.A. "Analysis of the major metabolite of Δ -9-tetrahydrocannabinol in urine." *J. Anal. Toxicol.* **8**, 252-254 (1984).
3. Gohda, H., Narimatsu, S., Yamamoto, I., Yoshimura, H. "In vivo and in vitro metabolism of cannabidiol monomethyl ether and cannabidiol dimethyl ether in the guinea pig: On the formation mechanism of cannabielsoin-type metabolite from cannabidiol." *Chem. Pharm. Bull.* **38**, 1697-1701 (1990).

CONTROLLED SUBSTANCE - DEA LICENSE REQUIRED (I)

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