

PRODUCT INFORMATION



9(S)-Hexahydrocannabiphorol-d₃

Item No. 45991

Formal Name: (6aR,9S,10aR)-3-(heptyl-7,7,7-d₃)-6,6,9-trimethyl-6a,7,8,9,10,10a-hexahydro-6H-benzo[c]chromen-1-ol

Synonyms: 9α-Hexahydrocannabiphorol-d₃, 11α-Hexahydrocannabiphorol-d₃, 9α-HHCP-d₃, 9(S)-HHCP-d₃, 11α-HHCP-d₃

MF: C₂₃H₃₃D₃O₂

FW: 347.6

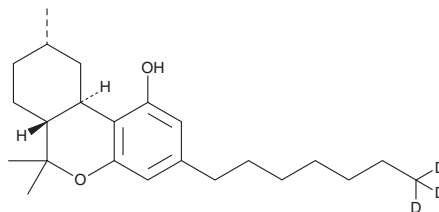
Chemical Purity: ≥98% (9(S)-Hexahydrocannabiphorol)

Deuterium Incorporation: ≥99% deuterated forms (d₁-d₃); ≤1% d₀

Supplied as: A 1 mg/ml solution in acetonitrile

Storage: -20°C

Stability: ≥10 years



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

Description

9(S)-Hexahydrocannabiphorol-d₃ (Item No. 45991) is intended for use as an internal standard for the quantification of 9(S)-hexahydrocannabiphorol (Item Nos. 44029 | 36347) by GC- or LC-MS. The accuracy of the sample weight in this vial is between 5% over and 2% under the amount shown on the vial. If better precision is required, the deuterated standard should be quantitated against a more precisely weighed unlabeled standard by constructing a standard curve of peak intensity ratios (deuterated versus unlabeled).

9(S)-Hexahydrocannabiphorol is structurally similar to known phytocannabinoids. It has been found in an electronic cigarette cartridge product.¹ 9(S)-Hexahydrocannabiphorol-d₃ is regulated as a Schedule I compound in the United States. This product is intended for research and forensic applications.

Reference

1. Tanaka, R. and Kikura-Hanajiri, R. Identification of hexahydrocannabinol (HHC), dihydro-iso-tetrahydrocannabinol (dihydro-iso-THC) and hexahydrocannabiphorol (HHCP) in electronic cigarette cartridge products. *Forensic Toxicol.* **42**(1), 71-81 (2023).

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.

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