

PRODUCT INFORMATION



(±)-CP 55,940-d₁₁
Item No. 10703

Formal Name: *rel*-5-(1,1-dimethylheptyl-3,3,4,4,5,5,6,6,7,7,7-d₁₁)-2-[(1R,2R,5R)-5-hydroxy-2-(3-hydroxypropyl)cyclohexyl]-phenol

MF: C₂₄H₂₉D₁₁O₃

FW: 387.6

Chemical Purity: ≥98% ((±)-CP 55,940)

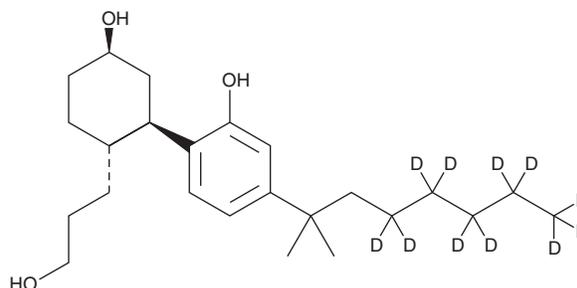
Deuterium Incorporation: ≥99% deuterated forms (d₁-d₁₁); ≤1% d₀

UV/Vis.: λ_{max}: 219, 276 nm

Supplied as: A solution in methanol

Storage: -20°C

Stability: ≥2 years



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

Description

(±)-CP 55,940-d₁₁ is intended for use as an internal standard for the quantification of (±)-CP 55,940 (Item No. 13241) by GC- or LC-MS. (±)-CP 55,940 is categorized as a synthetic cannabinoid.¹ It induces self-administration of morphine in rats. This product is intended for research and forensic applications.

Reference

1. Biscaia, M., Fernández, B., Higuera-Matas, A., *et al.* Sex-dependent effects of periadolescent exposure to the cannabinoid agonist CP-55,940 on morphine self-administration behaviour and the endogenous opioid system. *Neuropharmacology* **54(5)**, 863-873 (2008).

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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