LKT Laboratories, Inc.

CP 55940

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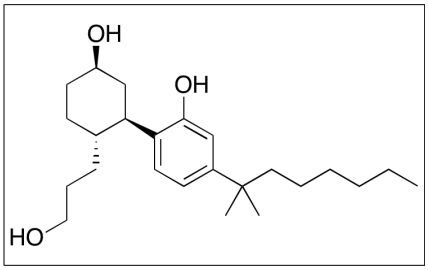
Product Information

Product ID C600000
CAS No. 83002-04-4
Chemical Name 2-[(1R,2R,5R)-5-hydroxy-2-(3-hydroxypropyl)cyclohexyl]-5-(2-methyloctan-2-yl)phenol
Synonym CP-55940, CP 55,940, (-)-CP-55940



Formula $C_{24}H_{40}O_3$
Formula Wt. 376.58
Melting Point
Purity ≥98%
Solubility 100mM in ethanol
100mM in DMSO

Pricing and Availability

Bulk quanitites available upon request

Product ID	Size	List Price
C600000	1 mg	$60.90
C600000	5 mg	$210.00
C600000	25 mg	$761.30

Store Temp -20˚C
Ship Temp Ambient
Description CP 55,940 is a non-selective, synthetic agonist of the cannabinoid receptors. It has shown activity in anti-cancer, anti-nociceptive, anti-hyperalgesic and anti-neurodegenerative capacity. More recent studies demonstrated the ability of CP 55,940 to decrease cancer-related pain in mouse models. In mice models with induced hyperalgesia, CP 55,940 administration improved the response of mice in a paw-withdrawal assay. In CB1 knockout mice, CP 55,940 decreased the amount of allodynia pain in a paclitaxel-induced neuropathy.
TEST!!!!!!

References

Deng L, Cornett BL, Mackie K, and Hohmann AG. CB1 Knockout Mice Unveil Sustained CB2-Mediated Antiallodynic Effects of the Mixed CB1/CB2 Agonist CP55,940 in a Mouse Model of Paclitaxel-Induced Neuropathic Pain. Mol Pharmacol. 2015 Jul;88(1):64-74. PMID: 25904556.

Hamamoto DT, Giridharagopalan S, and Simone DA. Acute and chronic administration of the cannabinoid receptor agonist CP 55,940 attenuates tumor-evoked hyperalgesia. Eur J Pharamacol. 2007 Mar 8;558(1-3): 73-87. PMID: 17250825.