

Product Data Sheet

Product Name: LG-100064

Cat. No.: GC34173

Chemical Properties

Cas. No. 153559-46-7

SMILES O=C(O)C1=CC=C(C(C2=C(C)C=C3C(C)(C)CCC(C)(C)C3=C2)=O)C=C1

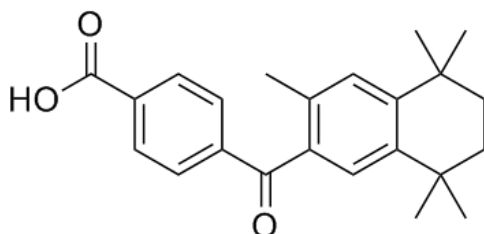
Formula $C_{23}H_{26}O_3$ M.Wt 350.45

Solubility Soluble in DMSO Storage Store at -20°C

General tips For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT, or blue ice upon request.

Structure



Background

LG-100064 is a retinoid-X-receptor (RXR) agonist, with EC₅₀s of 330 nM, 200 nM, and 260 nM for RXRα, RXRβ and RXRγ; LG-100064 can be used in the research of cancer.

LG-100064 (3-Methyl-TTNCB) is a retinoid-X-receptor (RXR) agonist, with EC₅₀s of 330 nM, 200 nM, and 260 nM for RXRα, RXRβ and RXRγ. LG-100064 shows no effect on RARα/β/γ (EC₅₀, >10000 nM)[1].

Caution: Product has not been fully validated for medical applications. For research use only.

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[1]. Marcus F. Boehm, et al. Compounds having selective activity for retinoid X receptors, and means for modulation of processes mediated by retinoid X receptors.

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