

Product Data Sheet

Product Name: LXR β agonist-2

Cat. No.: GC36499

Chemical Properties

Cas. No. 1949801-52-8

SMILES OC(C(F)(F)F)(C(F)(F)F)C1=CC(CCC)=C(OC2=CC(O)=C(C(CN3C(NC(C)(C4=NC=C(O)C(C)C)C=C4)C3=O)=O)=O)C=C2)C=C1

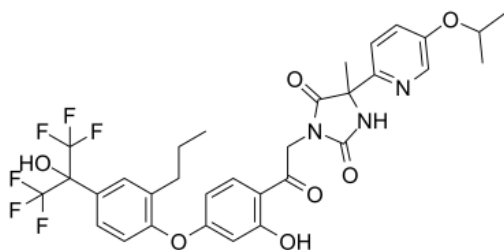
Formula $C_{32}H_{31}F_6N_3O_7$ M.Wt 683.59

Solubility Soluble in DMSO Storage Store at -20°C

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

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

Structure



Background

LXR β agonist-2 is a highly potent and β -selective liver X receptor (LXR β) agonist with EC₅₀ of 7 nM, displays 28.5-fold selectivity over LXR α (EC₅₀=200 nM) and used in the treatment of atherosclerosis[1]. EC₅₀: 7 nM (LXR β), 200 nM (LXR α)[1]

[1]. Koura M, et al. Discovery of a 2-hydroxyacetophenone derivative as an outstanding linker to enhance potency and β -selectivity of liver X receptor agonist. Bioorg Med Chem. 2016 Aug

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

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15;24(16):3436-46.

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