

Product Data Sheet

Product Name: CAY10767

Cat. No.: GC47063

Chemical Properties

Cas. No. 2376590-40-6

SMILES OC(C1=CC=CC(NCC2=CC(C)=C(OCC3=CC=C(F)C=C3)C=C2)=C1)=O

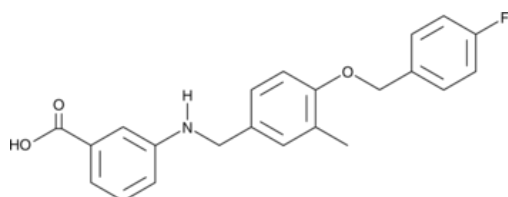
Formula C₂₂H₂₀FNO₃ M.Wt 365.4

Solubility DMF: 20mg/mL, DMF:PBS (pH 7.2) Storage Store at -20°C
(1:2): 0.3mg/mL, DMSO:
5mg/mL, Ethanol: 12mg/mL

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 sizes: ship with RT, or blue ice upon request.

Structure



Background

CAY10767 is an agonist of peroxisome proliferator-activated receptor α (PPAR α ; EC₅₀ = 37 nM in a reporter assay).¹ It is greater than 2,700-fold selective for PPAR α over PPAR γ or PPAR δ .

1. Dou, X., Nath, D., Shin, H., et al. Evolution of a 4-benzyloxy-benzylamino chemotype to provide efficacious, potent, and isoform selective PPAR α agonists as leads for retinal disorders. J. Med. Chem. 63(6):2854-2876 (2020)

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

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