

Product Name : GW3965

Synonyms : GW 3965;GW-3965

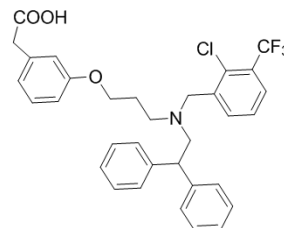
Cat No. : M14396

CAS Number : 405911-09-3

Molecular Formula : C₃₃H₃₁ClF₃NO₃

Formula Weight : 582.05

Chemical Name : Benzeneacetic acid, 3-[3-[[[2-chloro-3-(trifluoromethyl)phenyl]methyl](2,2-diphenylethyl)amino]propoxy]-



Description : A potent, selective, orally active LXR agonist that recruits the steroid receptor coactivator 1 to human LXR α in a cell-free ligand-sensing assay with an EC₅₀ of 125 nM; acts as a full agonist on hLXR α and hLXR β in cell-based reporter gene assays with EC₅₀ of 190 and 30 nM, respectively; increases expression of ABCA1 in the small intestine and peripheral macrophages in C57BL/6 mice at 10 mg/kg. Asthma Discontinued

Pathway : Nuclear Receptor/Transcription Factor

Target : LXR

Receptor : LXR

Solubility : 10 mM in DMSO

SMILES : C1=CC=C(C=C1)C(CN(CCCOC2=CC=CC(=C2)CC(=O)O)CC3=C(C(=CC=C3)C(F)(F)F)Cl)C4=CC=CC=C4

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1. Collins JL, et al. J Med Chem. 2002 May 9;45(10):1963-6. | 2. Joseph SB, et al. Proc Natl Acad Sci U S A. 2002 May 28;99(11):7604-9. | 3. Donkin JJ, et al. J Biol Chem. 2010 Oct 29;285(44):34144-54.