

产品名称 : Fexaramine

同义词 : Fexaramine

产品货号 : M15095

CAS Number : 574013-66-4

分子式 : C₃₂H₃₆N₂O₃

分子量 : 496.6398

化学全名 : 2-Propenoic acid, 3-[3-[(cyclohexylcarbonyl)[[4'-(dimethylamino)[1,1'-biphenyl]-4-yl]methyl]amino]phenyl]-, methyl ester

产品描述 : A potent, specific FXR agonist with EC₅₀ of 25 nM, more efficacious ligand for FXR than GW4064; shows no transcriptional activity against hRXRα, hPPARα/γ/δ, mPXR, hPXR, hLXRα, hTRβ, hRARβ, mCAR, mERRγ, and hVDR; strongly induces target genes SHP, PLTP BSEP, and MRP-2 in the HEPG2 liver cell system; robustly induces FGF15, leading to alterations in BA composition.

通路 : Metabolic Enzyme/Protease

靶点 : FXR

受体 : FXR

溶解度 : 10 mM in DMSO

SMILES : O=C(OC)/C=C/C1=CC=CC(N(C(C2CCCCC2)=O)CC3=CC=C(C4=CC=C(N(C)C)C=C4)C=C3)=C1

存储条件 : (-20℃)

稳定性 : ≥ 2 years

参考文献 :

1. Downes M, et al. Mol Cell. 2003 Apr;11(4):1079-92. 2. Fang S, et al. Nat Med. 2015 Feb;21(2):159-65. 3. Cho SW, et al. J Bone Miner Res. 2013 Oct;28(10):2109-21.

