
TUG-891

产品编号: D51155

CAS: 1374516-07-0

分子式: C₂₃H₂₁FO₃

纯度: ≥98%

InChi: InChi=1S/C₂₃H₂₁FO₃/c1-16-2-7-18(8-3-16)22-12-9-20(24)14-19(22)15-27-21-10-4-17(5-11-21)
6-13-23(25)26/h2-5,7-12,14H,6,13,15H₂,1H₃, (H,25,26)

InChi Key: LPGBXHWIQNZEJB-UHFFFAOYSA-N

Smiles: CC1C=CC(=CC=1)C1C=CC(F)=CC=1COC1C=CC(CCC(O)=O)=CC=1

外观: 固体粉末

作用通路: GPR120

溶解性: DMSO : ≥180 mg/mL (493.95 mM)

保存条件: Store in dry, dark place for one year.

产品介绍: TUG-891 is a potent and selective agonist of the free fatty acid receptor 4 (FFA4/GPR120), which demonstrates both potential opportunity and possible challenges to therapeutic agonism. Activation of human FFA4 by TUG-891 also resulted in rapid phosphorylation and internalization of the receptor. TUG-891 was also a potent agonist of mouse FFA4, but it showed only limited selectivity over mouse FFA1, complicating its use in vivo in this species.