
TUG-499

产品编号: D54495

CAS: 1206629-08-4

分子式: C₁₆H₁₁Cl₂NO₂

纯度: 99.59%

InChi Key: InChIKey=GCWBKYDSSJIRNJ-UHFFFAOYSA-N

Smiles: O=C(O)CCC1=CC=C(C#CC=2C=C(Cl)N=C(Cl)C2)C=C1

外观: 固体粉末

作用通路: Endocrinology/Hormones;GPCR/G Protein;DNA Damage/DNA Repair;Metabolism

作用靶点: GPR;PPAR

溶解性: DMSO: 22.5 mg/mL (70.28 mM)

保存条件: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

产品介绍: TUG-499 is a selective free fatty acid receptor 1 (FFAR1 or GPR40) agonist (EC₅₀: 7.39). TUG-499 has an affinity for FFAR1 or GPR40 over the related receptors FFA2, FFA3 and the nuclear receptor PPAR γ , as well as other different receptors, ion channels and transporter proteins. TUG-499 can be used to study type 2 Type 2 diabetes.