
AS2034178

产品编号: D50883

CAS: 1030846-42-4

分子式: C₂₇H₂₉FN₂O₃

纯度: ≥98%

InChi: InChi=1S/C₂₇H₂₉FN₂O₃/c28-25-18-22(13-11-20(25)12-14-27(31)32)29-19-21-6-4-10-26-24(21)
9-5-15-30(26)16-17-33-23-7-2-1-3-8-23/h1-4,6-8,10-11,13,18,29H,5,9,12,14-17,19H₂, (H,31,32)

InChi Key: VENOXIKBBUVHRY-UHFFFAOYSA-N

Smiles: OC(=O)CCC1C=CC(=CC=1F)NCC1C=CC=C2C=1CCCN2CCOC1C=CC=CC=1

外观: 固体粉末

作用通路: GPR40

溶解性: DMSO up to 50 mM

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

产品介绍: AS2034178 is the potent, selective and orally bioavailable GPR40 (FFA1) agonist. It has good selectivity for over GPR41, GPR43, GPR119, GPR120 and PPAR γ . It can Induce glucose-dependent insulin secretion in pancreatic MIN6 cells and in vivo. AS2034178 could decrease plasma glucose and HbA1c levels after repeat administration to ob/ob mice, with favorable oral absorption and pharmacokinetics. Repeat administration of AS2034178 enhanced insulin sensitivity in an insulin tolerance test and a euglycemic-hyperinsulinemic clamp test.