
Omarigliptin

产品编号: D51312

CAS: 1226781-44-7

分子式: C₁₇H₂₀F₂N₄O₃S

纯度: ≥98%

InChi: InChI=1S/C₁₇H₂₀F₂N₄O₃S/c1-27(24,25)23-7-10-6-22(8-16(10)21-23)12-5-15(20)17(26-9-12)13-4-11(18)2-3-14(13)19/h2-4,7,12,15,17H,5-6,8-9,20H₂,1H₃/t12-,15+,17-/m1/s1

InChi Key: MKMPWKUAHLTIBJ-ISTRZQFTSA-N

Smiles: CS(=O)(=O)N1C=C2CN(CC2=N1)[C@H]1CO[C@@H]([C@@H](N)C1)C1C=C(F)C=CC=1F

外观: 固体粉末

作用通路: Dipeptidyl Peptidase

溶解性: Soluble in DMSO, and EtOH

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

产品介绍: Omarigliptin, also known as MK-3102, is a potent and long-acting DPP-4 inhibitor for once-weekly treatment of type 2 diabetes. MK-3102 (omarigliptin), was identified as a potent and selective dipeptidyl peptidase 4 (DPP-4) inhibitor with an excellent pharmacokinetic profile amenable for once-weekly human dosing and selected as a clinical development candidate. Omarigliptin is currently in phase 3 clinical development.