
PF-4136309

产品编号: D51313

CAS: 1341224-83-6

分子式: C₂₉H₃₁F₃N₆O₃

纯度: ≥98%

InChi: InChI=1S/C₂₉H₃₁F₃N₆O₃/c30-29(31,32)21-4-1-3-19(15-21)27(40)36-17-25(39)38-14-9-23(18-38)37-22-7-10-28(41,11-8-22)24-6-5-20(16-35-24)26-33-12-2-13-34-26/h1-6,12-13,15-16,22-23,37,41H,7-11,14,17-18H₂, (H,36,40)/t22?,23-,28?/m0/s1

InChi Key: ZNSVOHSYDRPBG-ICBQRAPNFSA-N

Smiles: OC1(CCC(CC1)N[C@@H]1CN(CC1)C(=O)CNC(=O)C1=CC(=CC=C1)C(F)(F)F)C1C=CC(=CN=1)C1N=CC=CN=1

外观: 固体粉末

作用通路: CCR

溶解性: Soluble in DMSO, not in water

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

产品介绍: PF-4136309, also known as INCB8761, is an orally available human chemokine receptor 2 (CCR2) antagonist with potential immunomodulating and antineoplastic activities. Upon oral administration, CCR2 antagonist PF-04136309 specifically binds to CCR2 and prevents binding of the endothelium-derived chemokine ligand CLL2 (monocyte chemoattractant protein-1 or MCP1) to its receptor CCR2, which may result in inhibition of CCR2 activation and signal transduction. This may inhibit inflammatory processes as well as angiogenesis, tumor cell migration, and tumor cell proliferation.