
AMG-1694

产品编号: D58209

CAS: 1361217-07-3

分子式: C₂₃H₃₀F₃N₃O₄S₂

纯度: 97.97%

InChi Key: InChiKey=OJTJLEFGCNYTBQ-RBDMOPHTSA-N

Smiles: C([C@@H]1N(CCN(S(=O)(=O)C2=CC=CS2)C1)C3=CC=C([C@@](C(F)(F)F)(C)O)C=C3)N4[C@@H](C)COCC4

外观: 固体粉末

作用通路: Metabolism

作用靶点: Glucokinase

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

产品介绍: AMG-1694 is a potent glucokinase–glucokinase regulatory protein (GK-GKRP) disruptors and promotes the dissociation of the GK-GKRP complex with an IC₅₀ of 7 nM, indirectly increasing GK enzymatic activity. AMG-1694 normalizes blood glucose levels in several rodent models of diabetes and lowers blood glucose restricted to diabetic and not normoglycaemic animals[1]. AMG-1694 potentially reverses the inhibitory effect of GKRP on GK activity and promotes GK translocation.