
AG-120 (Ivosidenib)

产品编号: D50973

CAS: 1448347-49-6

分子式: C₂₈H₂₂ClF₃N₆O₃

纯度: ≥98%

InChi: InChI=1S/C₂₈H₂₂ClF₃N₆O₃/c29-21-4-2-1-3-20(21)25(26(40)36-18-11-28(31,32)12-18)37(19-10-17(30)14-34-15-19)27(41)22-5-6-24(39)38(22)23-9-16(13-33)7-8-35-23/h1-4,7-10,14-15,18,22,25H,5-6,11-12H₂, (H,36,40)/t22-,25-/m0/s1

InChi Key: WIJZXSAJMHAVGX-DHLKQENFSA-N

Smiles: N#CC1C=CN=C(C=1)N1[C@@H](CCC1=O)C(=O)N([C@@H](C1C=CC=CC=1Cl)C(=O)NC1CC(F)(F)C1)C1=CC(F)=CN=C1

外观: 固体粉末

作用通路: Isocitrate Dehydrogenase (IDH)

溶解性: DMSO up to 100 mM; EtOH up to 100 mM

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

产品介绍: AG-120 (Ivosidenib) is a potent, selective and reversible inhibitor of IDH1 with IC₅₀ < 100 nM. It has been shown to lower 2-HG levels and restore cellular differentiation in IDH1-mutant primary human blast cells cultured ex vivo. In phase I clinical trials targeting patients with IDH1-mutated, relapsed and/or refractory (R/R) AML or untreated AML not eligible for standard of care or R/R MDS, AG-120 is well tolerated to date (10/2015) and MTD was not reached. Overall response rate is 35% including 12 CRs.