
BIBW2992(Afatinib)

产品编号: D50741

CAS: 439081-18-2

分子式: C₂₄H₂₅ClFN₅O₃

纯度: ≥98%

InChi: InChI=1S/C₂₄H₂₅ClFN₅O₃/c1-31(2)8-3-4-23(32)30-21-11-17-20(12-22(21)34-16-7-9-33-13-16)27-14-28-24(17)29-15-5-6-19(26)18(25)10-15/h3-6,10-12,14,16H,7-9,13H₂,1-2H₃, (H,30,32)(H,27,28,29)/b4-3+/t16-/m0/s1

InChi Key: ULXXDDBFHOBEHA-CWDCEQMOSA-N

Smiles: CN(C)C/C=C/C(=O)NC1=CC2=C(NC3=CC(Cl)=C(F)C=C3)N=CN=C2C=C1O[C@@H]1COCC1

外观: 固体粉末

作用通路: Autophagy

溶解性: DMSO up to 100 mM

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

产品介绍: BIBW2992 (Afatinib) is a highly potent and selective irreversible EGFR inhibitor, inhibiting EGFRwt, EGFR L858R, EGFR L858R/T790M and HER2 with IC₅₀ of 0.5 nM, 0.4 nM, 10 nM, 14 nM, respectively.