
AZD-9291

产品编号: D51303

CAS: 1421373-65-0

分子式: C₂₈H₃₃N₇O₂

纯度: ≥98%

InChi: InChI=1S/C₂₈H₃₃N₇O₂/c1-7-27(36)30-22-16-23(26(37-6)17-25(22)34(4)15-14-33(2)3)32-28-29-13-12-21(31-28)20-18-35(5)24-11-9-8-10-19(20)24/h7-13,16-18H,1,14-15H₂,2-6H₃, (H,30,36)(H,29,31,32)

InChi Key: DUYJMQONPNNFPI-UHFFFAOYSA-N

Smiles: CN(C)CCN(C)C1C=C(OC)C(=CC=1NC(=O)C=C)NC1N=C(C=CN=1)C1=CN(C)C2=CC=CC=C12

外观: 固体粉末

作用通路: EGFR

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: AZD-9291, also known as Osimertinib and Mereletinib, is a third-generation EGFR inhibitor, showed promise in preclinical studies and provides hope for patients with advanced lung cancers that have become resistant to existing EGFR inhibitors. AZD9291 is highly active in preclinical models and is well tolerated in animal models. It inhibits both activating and resistant EGFR mutations while sparing the normal form of EGFR that is present in normal skin and gut cells, thereby reducing the side effects encountered with currently available medicines. AZD-9291 was approved in Nov. 2015 by FDA.