
AZ5104

产品编号: D51105

CAS: 1421373-98-9

分子式: C₂₇H₃₁N₇O₂

纯度: ≥98%

InChi: InChI=1S/C₂₇H₃₁N₇O₂/c1-6-26(35)30-22-15-23(25(36-5)16-24(22)34(4)14-13-33(2)3)32-27-28-12-11-21(31-27)19-17-29-20-10-8-7-9-18(19)20/h6-12,15-17,29H,1,13-14H₂,2-5H₃, (H,30,35)(H,28,31,32)

InChi Key: IQNVEOMHJHBNHC-UHFFFAOYSA-N

Smiles: CN(C)CCN(C)C1C=C(OC)C(=CC=1NC(=O)C=C)NC1N=C(C=CN=1)C1=CNC2=CC=CC=C21

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: AZ5104 is a demethylated metabolite of AZD-9291. AZ-5104 was identified to exhibit 5-fold potency compared to AZD-9291, which is currently in clinical trial. AZ5104 is a potent EGFR inhibitor with IC₅₀ of <1 nM, 6 nM, 1 nM, and 25 nM for EGFR (L858R/T790M), EGFR (L858R), EGFR (L861Q), and EGFR (wildtype), respectively.