
Brigatinib-analog

产品编号: D51578

CAS: 1197958-12-5

分子式: C₂₆H₃₄ClN₆O₂P

纯度: ≥98%

InChi: InChI=1S/C₂₆H₃₄ClN₆O₂P/c1-32(2)18-12-14-33(15-13-18)19-10-11-21(23(16-19)35-3)30-26-28-17-20(27)25(31-26)29-22-8-6-7-9-24(22)36(4,5)34/h6-11,16-18H,12-15H₂,1-5H₃, (H₂,28,29,30,31)

InChi Key: OVDSPTSBIQCIN-UHFFFAOYSA-N

Smiles: CN(C)C1CCN(CC1)C1=CC(OC)=C(C=C1)NC1N=C(NC2C=CC=CC=2P(C)(C)=O)C(Cl)=CN=1

外观: 固体粉末

作用通路: ALK

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: Brigatinib-analog is an orally active, potent and selective anaplastic lymphoma kinase (ALK) and the epidermal growth factor receptor (EGFR) inhibitor. Brigatinib-analog is structurally related to Brigatinib (AP-26113). Brigatinib-analog binds to and inhibits ALK kinase and ALK fusion proteins as well as EGFR and mutant forms. This leads to the inhibition of ALK kinase and EGFR kinase, disrupts their signaling pathways and eventually inhibits tumor cell growth in susceptible tumor cells.