
Ponatinib

产品编号: D51512

CAS: 943319-70-8

分子式: C₂₉H₂₇F₃N₆O

纯度: ≥98%

InChi: InChI=1S/C₂₉H₂₇F₃N₆O/c1-20-5-6-22(16-21(20)8-10-25-18-33-27-4-3-11-34-38(25)27)28(39)3
5-24-9-7-23(26(17-24)29(30,31)32)19-37-14-12-36(2)13-15-37/h3-7,9,11,16-18H,12-15,19H2,1-
2H3,(H,35,39)

InChi Key: PHXJVRSECIGDHY-UHFFFAOYSA-N

Smiles: CN1CCN(CC2=CC=C(C=C2C(F)(F)F)NC(=O)C2=CC=C(C)C(=C2)C#CC2=CN=C3C=CC=NN23)CC1

外观: 固体粉末

作用通路: Autophagy

溶解性: DMSO: 30 mg/mL(56.33 mM).

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

产品介绍: Ponatinib is an orally bioavailable multitargeted receptor tyrosine kinase (RTK) inhibitor with potential antiangiogenic and antineoplastic activities. Multitargeted tyrosine kinase inhibitor AP24534 inhibits unmutated and all mutated forms of Bcr-Abl, including T315I, the highly drug therapy-resistant missense mutation of Bcr-Abl. This agent also inhibits other tyrosine kinases including those associated with vascular endothelial growth factor receptors (VEGFRs) and fibroblast growth factor receptors (FGFRs); in addition, it inhibits the tyrosine kinase receptor TIE2 and FMS-related tyrosine kinase receptor-3 (Flt3).