
PQR-309

产品编号: D51238

CAS: 1225037-39-7

分子式: C₁₇H₂₀F₃N₇O₂

纯度: ≥98%

InChi: InChI=1S/C₁₇H₂₀F₃N₇O₂/c18-17(19,20)12-9-13(21)22-10-11(12)14-23-15(26-1-5-28-6-2-26)25-16(24-14)27-3-7-29-8-4-27/h9-10H,1-8H₂, (H₂,21,22)

InChi Key: ADGGYDAFIHSYFI-UHFFFAOYSA-N

Smiles: NC1C=C(C(=CN=1)C1N=C(N=C(N=1)N1CCOCC1)N1CCOCC1)C(F)(F)F

外观: 固体粉末

作用通路: mTOR

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: PQR-309 is an orally bioavailable pan inhibitor of phosphoinositide-3-kinases (PI3K) and inhibitor of the mammalian target of rapamycin (mTOR), with potential antineoplastic activity. PI3K/mTOR kinase inhibitor PQR-309 inhibits the PI3K kinase isoforms alpha, beta, gamma and delta and, to a lesser extent, mTOR kinase, which may result in tumor cell apoptosis and growth inhibition in cells overexpressing PI3K/mTOR. Activation of the PI3K/mTOR pathway promotes cell growth, survival, and resistance to both chemotherapy and radiotherapy.