
Prexasertib

产品编号: D61219

CAS: 1234015-52-1

分子式: C₁₈H₁₉N₇O₂

纯度: 98%

InChi Key: InChIKey=DOTGPNHGTJDEP-UHFFFAOYSA-N

Smiles: COC1=C(C(=CC=C1)OCCCN)C2=CC(=NN2)NC3=NC=C(N=C3)C#N

外观: 固体粉末

作用通路: Apoptosis

作用靶点: Apoptosis; Chk

溶解性: Soluble in DMSO

保存条件: -20°C

产品介绍: Prexasertib (LY2606368) is a selective, ATP-competitive second-generation checkpoint kinase 1 (CHK1) inhibitor with a K_i of 0.9 nM and an IC_{50} of <1 nM. Prexasertib inhibits CHK2 (IC_{50} =8 nM) and RSK1 (IC_{50} =9 nM). Prexasertib causes double-stranded DNA breakage and replication catastrophe resulting in apoptosis. Prexasertib shows potent anti-tumor activity