
IPI-145

产品编号: D51078

CAS: 1201438-56-3

分子式: C₂₂H₁₇ClN₆O

纯度: ≥98%

InChi: InChI=1S/C₂₂H₁₇ClN₆O/c1-13(28-21-19-20(25-11-24-19)26-12-27-21)17-10-14-6-5-9-16(23)18
(14)22(30)29(17)15-7-3-2-4-8-15/h2-13H,1H3,(H2,24,25,26,27,28)/t13-/m0/s1

InChi Key: SJVQHLPISAIATJ-ZDUSSCGKSA-N

Smiles: C[C@H](NC1N=CN=C2NC=NC=12)C1=CC2=CC=CC(Cl)=C2C(=O)N1C1C=CC=CC=1

外观: 固体粉末

作用通路: PI3K

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: IPI-145 is an orally bioavailable, highly selective and potent small molecule inhibitor of the delta and gamma isoforms of phosphoinositide-3 kinase (PI3K) with potential immunomodulating and antineoplastic activities. Upon administration, PI3K delta/gamma inhibitor IPI 145 prevents the activation of the PI3K delta/gamma-mediated signaling pathways which may lead to a reduction in cellular proliferation in PI3K delta/gamma-expressing tumor cells. Unlike other isoforms of PI3K, the delta and gamma isoforms are overexpressed primarily in hematologic malignancies and inflammatory and autoimmune diseases.