
PIK-294

产品编号: D51226

CAS: 900185-02-6

分子式: C₂₈H₂₃N₇O₂

纯度: ≥98%

InChi: InChI=1S/C₂₈H₂₃N₇O₂/c1-16-7-3-4-12-21(16)35-22(32-20-11-5-8-17(2)23(20)28(35)37)14-34-27-24(26(29)30-15-31-27)25(33-34)18-9-6-10-19(36)13-18/h3-13,15,36H,14H₂,1-2H₃, (H₂,29,30,31)

InChi Key: WFSLJOPRIJSJR-UHFFFAOYSA-N

Smiles: CC1C=CC=CC=1N1C(=O)C2C(=CC=CC=2C)N=C1CN1N=C(C2=C(N)N=CN=C12)C1=CC(O)=CC=C1

外观: 固体粉末

作用通路: PI3K

溶解性: Soluble in DMSO

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

产品介绍: PIK-294 is a highly selective inhibitor of the phosphoinositide 3-kinase (PI3K) p110δ with an IC₅₀ value of 10 nM compared to IC₅₀ values of 10 μM, 490 nM and 160 nM for PI3Kα/β/γ, respectively. PIK-294 has been used to help distinguish the unique roles of the various PI3-K isoforms. PIK-294 inhibited both chemokinetic and chemotactic CXCL8-induced migration.