
PRI-724

产品编号: D51473

CAS: 1422253-38-0

分子式: C₃₃H₃₅N₆O₇P

纯度: ≥98%

InChi: InChi=1S/C33H35N6O7P/c1-22-31-38(29(40)21-36(2)39(31)33(42)35-19-24-8-4-3-5-9-24)28(18-23-13-15-27(16-14-23)46-47(43,44)45)32(41)37(22)20-26-11-6-10-25-12-7-17-34-30(25)26/h3-17,22,28,31H,18-21H2,1-2H3,(H,35,42)(H2,43,44,45)/t22-,28-,31-/m0/s1

InChi Key: VHOZWHQPEJGPCC-AZXNYEMZSA-N

Smiles: CN1CC(=O)N2[C@H]([C@H](C)N(CC3C=CC=C4C=CC=NC=34)C(=O)[C@@H]2CC2C=CC(=CC=2)OP(O)(O)=O)N1C(=O)NCC1C=CC=CC=1

外观: 固体粉末

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: PRI-724, also known as C-82 prodrug/ICG-001 analog, is a potent, specific inhibitor of the canonical Wnt signaling pathway in cancer stem cells with potential antineoplastic activity. Wnt signaling pathway inhibitor PRI-724 specifically inhibits the recruiting of beta-catenin with its coactivator CBP (the binding protein of the cAMP response element-binding protein CREB); together with other transcription factors beta-catenin/CBP binds to WRE (Wnt-responsive element) and activates transcription of a wide range of target genes of Wnt/beta-catenin signaling. Note: Chemical structures of ICG-001 and PRI-724 look very close, but they are not the same molecule. Many vendors confused them.