
BAY-2416964

产品编号: D51624

CAS: 2242464-44-2

分子式: C₁₈H₁₈ClN₅O₃

纯度: ≥98%

InChi: InChi=1S/C₁₈H₁₈ClN₅O₃/c1-11(10-25)21-17(26)15-7-16(12-3-5-13(19)6-4-12)22-24(18(15)27)
14-8-20-23(2)9-14/h3-9,11,25H,10H2,1-2H3,(H,21,26)/t11-/m0/s1

InChi Key: YAGSZKAJPHGVOV-NSHDSACASA-N

Smiles: CN1C=C(C=N1)N1N=C(C=C(C(=O)N[C@@H](C)CO)C1=O)C1C=CC(Cl)=CC=1

外观: 固体粉末

作用通路: Aryl Hydrocarbon Receptor

溶解性: Soluble in DMSO

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

产品介绍: BAY-2416964 is a potent and orally active aryl hydrocarbon receptor (AHR) antagonist extracted from patent WO2018146010A1, example 192, has an IC₅₀ of 341 nM. BAY2416964 specifically binds to AhR, inhibits AhR activation, and prevents AhR-mediated signaling. Abrogation of AhR activation prevents the activation of immune-tolerant dendritic cells (DCs) and regulatory T cells (Tregs) in the tumor microenvironment (TME). This may restore the immune response against tumor cells. .