
IL-4-inhibitor-1

产品编号: D56954

CAS: 1332184-63-0

分子式: C₁₈H₁₂FN₃O₂

纯度: 98.26%

InChi Key: InChiKey=DWZPPBGRCDPFSS-UHFFFAOYSA-N

Smiles: N#CC1=C(N=C(C=C1C=2C=CC(O)=C(O)C2)C=3C=CC(F)=CC3)N

外观: 固体粉末

作用通路: Immunology/Inflammation

作用靶点: IL Receptor

溶解性: DMSO: 27.0 mg/mL (84.1 mM); DMF: 27.0 mg/mL (84.1 mM)

保存条件: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

产品介绍: IL-4 inhibitor is an inhibitor of IL-4. It binds to IL-4 with a K_d value of 1.8 μM and inhibits IL-4 activity in a cell-based reporter assay (EC₅₀ = 1.81 μM). It is selective for IL-4 over IL-13 (EC₅₀ = 18.2 μM). IL-4 inhibitor inhibits IL-4-induced STAT6 phosphorylation in THP-1 monocytes (EC₅₀ = 3.1 μM), indicating inhibition of the IL-4-JAK1-STAT6 signaling pathway.