

Catalog Number: CM16373

产品信息

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CM16373

CAS号:
1332184-63-0

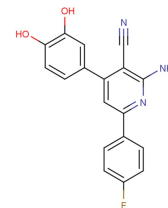
分子式:
C₁₈H₁₂FN₃O₂

主要靶点:
IL Receptor

主要通路:
免疫与炎症

分子量:
321.31

溶解度:
Ethanol:10 mg/mL,DMF:27.0
mg/mL (84.1 mM),DMSO:PBS (pH
7.2) (1:5):0.1 mg/mL,DMSO:27.0
mg/mL (84.1 mM)



靶点活性

IL-4:1.81 μ M (EC₅₀)

体外活性

IL-4-inhibitor-1 exhibits functional disruption of type II IL-4 binding in a cellular context and dose-dependent reduces pSTAT-6 levels (EC₅₀ = 3.1 μ M)[1].

描述

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

储存

Powder: -20°C for 3 years | In solvent: -80°C for 2 years