

Catalog Number: CM06000

产品信息

Catalog Number:
CM06000

CAS号:
327033-36-3

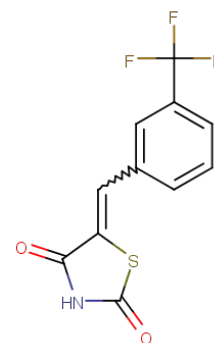
分子式:
 $C_{11}H_6F_3NO_2S$

主要靶点:
Apoptosis|Pim

主要通路:
凋亡|JAK/STAT信号通路|表观遗传

分子量:
273.23

溶解度:
DMSO:55 mg/mL (201.3 mM)



靶点活性

Pim:0.8-40 μ M

体外活性

One hour inhibitor treatment (0.5 μ M) of HEK-293T cultures at the end of a 4 hour 32PO₄ incubation period results in nearly complete inhibition of the autophosphorylation of overexpressed Pim-1. Comparing to Inhibitor VI (Cat. No. 526524), Inhibitor V is less reactive towards DYRK1 α (20% vs. 68% inhibition with respective inhibitor at 5 μ M) and more potent in PC3 human prostate cancer cell killing (IC₅₀ = 17 vs. 48 μ M with respective inhibitor).

描述

TCS-PIM-1-4a, a Pim inhibitor, blocks mTORC1 activity through activation of AMPK and kills a wide range of both myeloid and lymphoid cell lines (IC₅₀=0.8-40 μ M).

储存

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