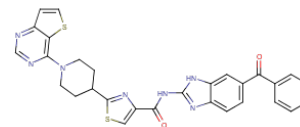


Catalog Number: CM05274

产品信息

Catalog Number:
CM05274CAS号:
913822-46-5分子式:
 $C_{29}H_{23}N_7O_2S_2$ 主要靶点:
Influenza Virus|NF- κ B主要通路:
NF- κ B信号通路|微生物学分子量:
565.67溶解度:
H₂O:<1 mg/mL,DMSO:33 mg/mL
(58.3 mM),Ethanol:<1 mg/mL

靶点活性

NF- κ B:200 nM(EC₅₀)

体外活性

SC75741 shows immunosuppressive activity by inhibiting human PBMC proliferation with IC₅₀ of 2.2 μ M. [1] SC75741 inhibits replication of influenza A and B viruses by inhibiting NF- κ B-mediated signalling on a transcriptional level. Moreover, SC75741 shows a high barrier for development of resistant virus variants. [2]

体内活性

SC75741 (15 mg/kg i.p.) reduces virus replication and cytokine expression in mice lungs after H5N1 influenza virus infection. [2]

细胞实验

Cell viability assay is prepared using a CellTiter-Blu™ Cell Viability Assay. For each concentration of the compound four replicates are measured.(Only for Reference)

描述

SC75741 is a potent P65 inhibitor with IC₅₀ of 200 nM

储存

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