

Catalog Number: CM04733

## 产品信息

**Catalog Number:**  
CM04733

**CAS号:**  
1421227-53-3

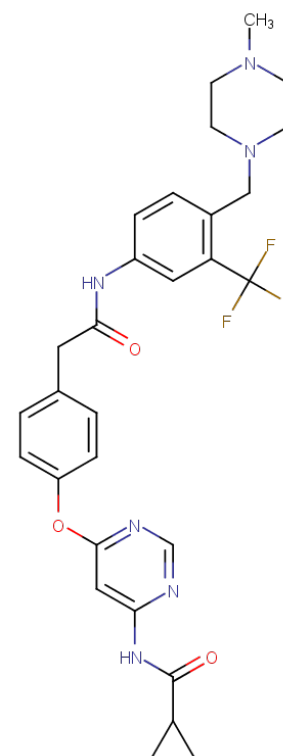
**分子式:**  
C<sub>29</sub>H<sub>31</sub>F<sub>3</sub>N<sub>6</sub>O<sub>3</sub>

**主要靶点:**  
EGFR|I $\kappa$ B|IKK

**主要通路:**  
NF- $\kappa$ B 信号通路|血管生成|JAK/STAT 信号通路|蛋白酪氨酸激酶

**分子量:**  
568.59

**溶解度:**  
DMSO:93 mg/mL (163.6 mM); Ethanol:93 mg/mL (163.6 mM); H<sub>2</sub>O:< 1 mg/mL (insoluble or slightly soluble)



## 靶点活性

Proliferation (β cells): 0.28 μM

## 体外活性

在切除β细胞的RIP-DTA小鼠模型中,给口服WS6 (50 mg/kg) 能够β细胞增殖,从而改善糖尿病。

## 体内活性

在R7T1细胞中 (EC<sub>50</sub>=0.28 μM), WS6通过Erb3结合蛋白-1和I $\kappa$ B激酶信号通路作用,诱导细胞增殖。

## 细胞实验

R7T1 cells are growth-arrested by removal of doxycycline for 2 days and plated into 384-well plates at a density of 3,000 cells/well in growth medium. β cell proliferation is assessed using CellTiter Glo after 4 days. Fold increase in cell number is calculated by normalizing compound-treated wells to the median of DMSO-treated wells. (Only for Reference)

## 储存

Powder: -20°C for 3 years | In solvent: -80°C for 1 year | Shipping with blue ice.