

Catalog Number: CM04577

## 产品信息

**Catalog Number:**  
CM04577

**CAS号:**  
1801787-56-3

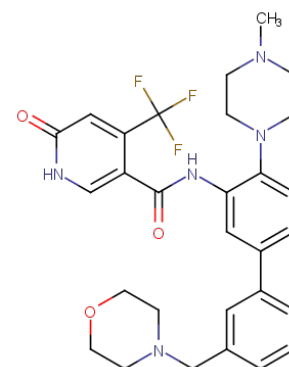
**分子式:**  
 $C_{29}H_{32}F_3N_5O_3$

**主要靶点:**  
JAK|Histone Methyltransferase

**主要通路:**  
表观遗传|蛋白酪氨酸激酶|干细胞|  
血管生成|JAK/STAT 信号通路|表观  
遗传

**分子量:**  
555.59

**溶解度:**  
DMSO:50 mg/mL (89.99  
mM); H<sub>2</sub>O:< 1 mg/mL (insoluble  
or slightly soluble); Ethanol:12  
mg/mL (21.6 mM)



## 靶点活性

WDR5:93 nM(Kd)

## 体外活性

OICR-9429以高亲和性结合WDR5 (Kd=93±28 nM)，并竞争性地干扰其与MLL中高亲和性Wdr5-interacting (WIN) 肽的相互作用 (Kdis=64±4 nM) [1]。

## 细胞实验

20,000 viable, actively proliferating primary human AML cells per well were seeded in 96-well plates in triplicates and treated with 0.05% DMSO or OICR-9429. Cell viability was measured using the Cell Titer-Glo luminescent cell viability assay on a VICTOR X4 luminometer after 72 h.(Only for Reference)

## 储存

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