

For Research Use Only

# Nilotinib monohydrochloride monohydrate

Catalog Number: CM03138

## 产品信息

**Catalog Number:**  
CM03138

**CAS号:**  
923288-90-8

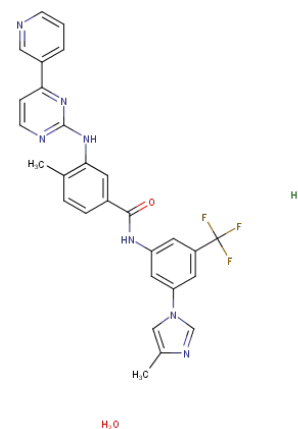
**分子式:**  
 $C_{28}H_{22}F_3N_7O \cdot HCl \cdot H_2O$

**主要靶点:**  
Bcr-Abl|Autophagy

**主要通路:**  
血管生成|蛋白酪氨酸激酶|细胞骨架|自噬

**分子量:**  
583.99

**溶解度:**  
DMSO:33 mg/mL (56.51 mM)



## 体内活性

In the indomethacin-induced enterocolitis rat model, nilotinib has a positive effect on the macroscopic and microscopic pathologic scores, ensuring considerable mucosal healing. Nilotinib decreases PDGFR  $\alpha$  and  $\beta$  levels and increases the colonic apoptotic scores[2].

## 描述

Nilotinib monohydrochloride monohydrate is significantly potent BCR-ABL against, is a second generation tyrosine kinase inhibitor (TKI), and is active against many BCR-ABL mutants.

## 储存

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