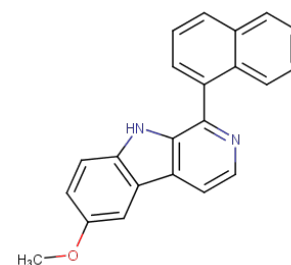


Catalog Number: CM05046

## 产品信息

Catalog Number:  
CM05046CAS号:  
1253491-42-7分子式:  
 $C_{22}H_{16}N_2O$ 主要靶点:  
Mdm2主要通路:  
凋亡分子量:  
324.38溶解度:  
DMSO:4.4 mg/mL (13.56 mM)

## 体外活性

SP141, which bound directly to MDM2, promoting its auto-ubiquitination and degradation by the proteasome. The compound reduced levels of MDM2 in pancreatic cancer cell lines, as well as their proliferation, with 50% inhibitory concentrations  $<0.5 \mu\text{M}$  ( $0.38\text{--}0.50 \mu\text{M}$ ). Increasing concentrations of SP141 induced increasing levels of apoptosis and G2-M-phase arrest of pancreatic cancer cell lines, whether or not they expressed functional P53[1].

## 体内活性

Injection of nude mice with SP141 (40 mg/kg/d) inhibited growth of xenograft tumors (by 75% compared with control mice), and led to regression of orthotopic tumors[1].

## 描述

SP 141 is a MDM2 inhibitor.SP-141 promotes MDM2 auto-ubiquitination and degradation, with anticancer activity.

## 储存

Powder:  $-20^{\circ}\text{C}$  for 3 years | In solvent:  $-80^{\circ}\text{C}$  for 2 years