

Catalog Number: CM03108

## 产品信息

**Catalog Number:**  
CM03108

**CAS号:**  
1668553-26-1

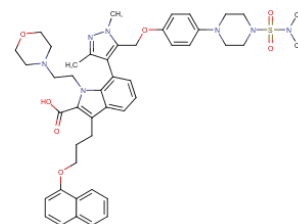
**分子式:**  
C<sub>46</sub>H<sub>55</sub>N<sub>7</sub>O<sub>7</sub>S

**主要靶点:**  
BCL|Apoptosis

**主要通路:**  
凋亡|凋亡

**分子量:**  
850.04

**溶解度:**  
H<sub>2</sub>O:10 mM;DMSO:Insoluble



## 靶点活性

MCL1:26.2 nM

## 体外活性

在H929细胞中，A-1210477高亲和力结合于MCL-1，并促使MCL-1蛋白表达升高。在H929、H2110和H23细胞中，A-1210477引起凋亡的典型特征，并抑制依赖MCL-1的细胞生存能力。此外，A-1210477与navitoclax协同作用，有效杀灭多种癌症细胞系。[1] 在SKBR3细胞中，A-1210477抑制MCL-1-BIM相互作用，并诱导经典凋亡特征。[2] 另外，A-1210477还使非霍奇金淋巴瘤细胞系对venetoclax (ABT-199)更为敏感。[3]

## 细胞实验

Adherent cell lines are seeded at 50,000 cells per well in 96-well plates and treated for 48 h with compounds diluted in half-log steps starting at 30 μM and ending at 0.001 μM. Multiple myeloma cell lines were seeded at 15,000–20,000 cells per well and treated similarly. Effects on proliferation and viability were determined using CellTiter-Glo reagent according to the manufacturer's instructions. IC<sub>50</sub> values are determined by non-linear regression analysis of the concentration response data.(Only for Reference)

## 储存

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