

Catalog Number: CM04319

## 产品信息

**Catalog Number:**  
CM04319

**CAS号:**  
1034895-42-5

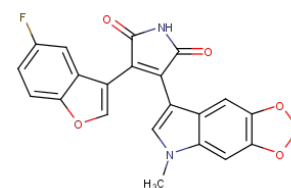
**分子式:**  
C<sub>22</sub>H<sub>13</sub>FN<sub>2</sub>O<sub>5</sub>

**主要靶点:**  
Apoptosis|GSK-3|Autophagy

**主要通路:**  
PI3K/Akt/mTOR信号通路|凋亡|自噬|干细胞

**分子量:**  
404.35

**溶解度:**  
DMSO:97 mg/mL  
(239.89mM), Sonification is recommended.



## 靶点活性

GSK-3 β :0.71 μ M (IC<sub>50</sub>)

## 体外活性

9-ING-41 (2, 4 μ M; 48 hours) decreases neuroblastoma cell viability induces apoptosis[2]. 9-ING-41 (1, 2 μ M; 24 hours) is a potent cell cycle-blocking agent for lymphoma cells[2]. 9-ING-41 (0.1-1 μ M) inhibits GSK-3 leading to a decreased expression of the NF-κ B target XIAP and significant apoptosis in neuroblastoma cells as shown by PARP cleavage, an apoptosis marker[1]. 9-ING-41 (0.5, 1.0, 1.5, 2.0 μ M) inhibits the proliferation rate of all TCL and MCL lines with concentrations as low as 1.0 mM[2].

## 体内活性

In a mouse model of MCL, 9-ING-41 (40 mg/kg/every other day; for 17 days) has single-agent antitumor activity [2].

## 描述

9-ING-41 is a glycogen synthase kinase-3 inhibitor.

## 储存

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