

For Research Use Only

# 4-MMPB



www.ptgcn.com

Catalog Number: CM09154

## 产品信息

**Catalog Number:**  
CM09154

**CAS号:**  
928853-86-5

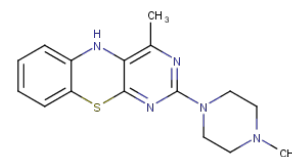
**分子式:**  
C<sub>16</sub>H<sub>19</sub>N<sub>5</sub>S

**主要靶点:**  
Apoptosis|Lipoxygenase|Others

**主要通路:**  
其他|代谢|凋亡

**分子量:**  
313.4

**溶解度:**  
DMSO:8mg/mL (25.52mM)



## 靶点活性

Others:69.6  $\mu$  M

## 体外活性

15-Lipoxygenase Inhibitor 1 has an IC<sub>50</sub> of 69.6  $\mu$  M for DPPH bleaching; 15-Lipoxygenase Inhibitor 1 (41.48  $\mu$  M; 72 hours) induces apoptosis and DNA damage in PC-3 Cells[1][2].

## 描述

15-Lipoxygenase Inhibitor 1 is a selective inhibitor of 15-lipoxygenase, with an IC<sub>50</sub> of 18  $\mu$  M. 4-MMPB has IC<sub>50</sub>s of 19.5  $\mu$  M and 19.1  $\mu$  M for soybean 15-lipoxygenase (SLO) and human 15-lipoxygenase-1 (15-LOX-1), respectively. 4-MMPB has potential for the research of prostate cancer.

## 储存

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

For technical support and original validation data for this product please contact

T: 027-87531629

E: Proteintech-CN@ptglab.com

W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.