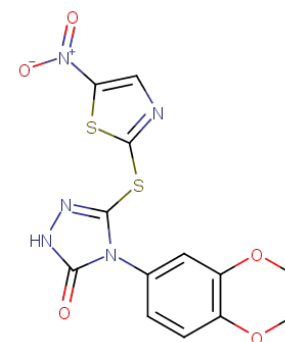


Catalog Number: CM04918

## 产品信息

Catalog Number:  
CM04918CAS号:  
883065-90-5分子式:  
 $C_{13}H_9N_5O_5S_2$ 主要靶点:  
JNK主要通路:  
MAPK信号通路分子量:  
379.37溶解度:  
Ethanol:1.9 mg/mL (5  
mM), DMSO:37.9 mg/mL (100 mM)

## 靶点活性

JNK:280 nM

## 体外活性

BI-78D3 Inhibits JNK interacting protein 1 (JIP1)-JNK binding and prevents JNK substrate phosphorylation[2].

## 体内活性

In animal studies, BI-78D3 not only blocks JNK dependent Con A-induced liver damage but also restores insulin sensitivity in mouse models of type 2 diabetes[1].

## 细胞实验

Cells are subjected to a dose range of doxorubicin concentrations in the presence or absence of a non-toxic dose (10 nM) of the small molecule JIP1-inhibitor BI-78D3. (Only for Reference)

## 描述

BI-78D3, a competitive JNK inhibitor. IC50 of BI-78D3 is 280 nM that displays > 100 fold selectivity over p38  $\alpha$ , and have no activity at mTOR and PI-3K.

## 储存

Powder: -20°C for 3 years | In solvent: -80°C for 1 year