

Catalog Number: CM06404

## 产品信息

**Catalog Number:**  
CM06404

**CAS号:**  
1346546-69-7

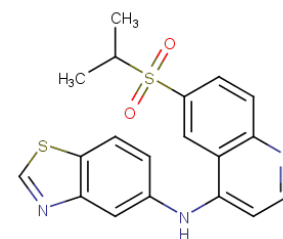
**分子式:**  
C<sub>19</sub>H<sub>17</sub>N<sub>3</sub>O<sub>2</sub>S<sub>2</sub>

**主要靶点:**  
RIP kinase

**主要通路:**  
NF-κB信号通路|凋亡

**分子量:**  
383.48

**溶解度:**  
DMSO:71 mg/mL (185.1  
mM),Ethanol:38 mg/mL (99.1  
mM),H<sub>2</sub>O:<1 mg/mL



## 靶点活性

RIP3K:1.8 nM

## 体外活性

GSK872 (1 μM) has no inhibition for most of 300 human protein kinases tested. It fails to inhibit RIP1 kinase. In HT-29 cells, GSK872 concentration-dependently blocks TNF-induced necroptosis. In cell-based assays, there is a 100- to 1000-fold shift in the IC<sub>50</sub> compared to the cell-free biochemical assays. GSK872 inhibits DAI- or TLR3-induced (RIP1-independent) death. It induces caspase activation and then induces apoptotic cell death[1].

## 体内活性

In compared with no treatment after ischemic injury in vivo, GSK872 can significantly reduce HIF-1α expression [3].

## 描述

GSK-872 (GSK2399872A) is an effective and specific RIP3 kinase inhibitor. It binds RIP3 kinase domain with high affinity (IC<sub>50</sub>: 1.8 nM) and inhibits kinase activity (IC<sub>50</sub>: 1.3 nM).

## 储存

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