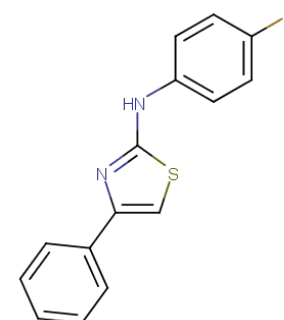


Catalog Number: CM05850

## 产品信息

Catalog Number:  
CM05850CAS号:  
339303-87-6分子式:  
 $C_{15}H_{11}FN_2S$ 主要靶点:  
Interleukin主要通路:  
免疫与炎症分子量:  
270.32溶解度:  
DMSO:55 mg/mL (203.46 mM)

## 体外活性

Compound 2 (N-(4-Fluorophenyl)-4-phenyl-2-thiazolami) treatment showed a 2-fold increase in phosphorylation of STAT3 within 10 min at its regulatory Tyr705 site in SH-SY5Y cells. Compound 2 treatment increases phosphorylation of AKT at its regulatory Thr308 site and phosphorylation of ERK1/2 at its regulatory Thr202/Tyr204 site in the serum free media condition in SH-SY5Y cells, and in primary cortical neurons.

## 体内活性

For Compound 2 (N-(4-Fluorophenyl)-4-phenyl-2-thiazolami), mice are dosed orally at 10 or 30 mg/kg, or injected subcutaneously (SQ) at 10 mg/kg, and euthanized after 1, 2, 4, 6, and 8 h post dose. At 2 h after SQ delivery at 10 mg/kg the brain C<sub>max</sub> is 161 ng/g while dosing at 30 mg/kg orally, results in the brain C<sub>max</sub> of 156 ng/g (0.57  $\mu$ M). The brain to plasma ratio for 2 is ~4:1 for oral 30 mg/kg and ~7.5:1 for 10 mg/kg SQ injection.

## 储存

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