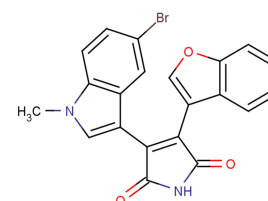


Catalog Number: CM11602

## 产品信息

**Catalog Number:**  
CM11602**CAS号:**  
941575-71-9**分子式:**  
C<sub>21</sub>H<sub>13</sub>BrN<sub>2</sub>O<sub>3</sub>**主要靶点:**  
GSK-3**主要通路:**  
PI3K/Akt/mTOR信号通路|干细胞**分子量:**  
421.24**溶解度:**  
DMSO:56.7mg/mL  
(134.6mM),ultrasonic and  
warming and heat to 60°C

## 靶点活性

GSK-3 $\alpha$ :16 nM|GSK-3 $\beta$ :21 nM

## 体外活性

BIP-135 (20  $\mu$  M; 48 hours) is a superior neuroprotective agent in the model of oxidative stress[1]. BIP-135 (20-30  $\mu$  M; 72 hours) increases the survival motor neuron (SMN) protein levels at a dose of 25  $\mu$  M in human SMA fibroblasts. And the typical bell-shaped dose-response curve is observed due to some toxicity at higher concentrations[1].

## 体内活性

BIP-135 (75 mg/kg; i.p.; daily; from postnatal day 0 to 21) prolongs the median survival time of  $\Delta$ 7 SMA KO mouse model of spinal muscular atrophy. And it does not appear to be toxic and was well-tolerated by the animals (no decrease in body weight)[1].

## 描述

BIP-135 is a potent and selective ATP-competitive GSK-3 inhibitor. With IC<sub>50</sub>s of 16 nM and 21 nM for GSK-3 $\alpha$  and GSK-3 $\beta$ , respectively. BIP 135 exhibits neuroprotective effect[1].

## 储存

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