

Catalog Number: CM05102

## 产品信息

**Catalog Number:**  
CM05102

**CAS号:**  
1161205-04-4

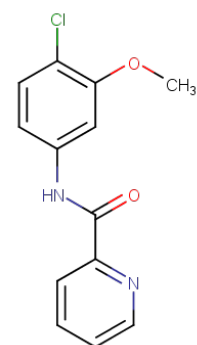
**分子式:**  
C<sub>13</sub>H<sub>11</sub>ClN<sub>2</sub>O<sub>2</sub>

**主要靶点:**  
GluR

**主要通路:**  
神经科学

**分子量:**  
262.69

**溶解度:**  
DMSO:26.3 mg/mL (100 mM)



## 靶点活性

mGluR4 (H<sub>μ</sub> Man):240 nM(EC50)|mGluR4 (Rat ):110 nM(EC50)

## 体外活性

VU0361737 is inactive at mGlu1, mGlu2, mGlu3, mGlu6 and mGlu7 receptors and displays weak activity at mGlu5 and mGlu8 receptors. [1]

## 体内活性

VU0361737 shows high in vivo CL in rat, a short half-life (T<sub>1/2</sub> 20 min), and demonstrates significant brain exposure (brain-to-plasma ratio of 4.1). [1]

## 描述

VU 0361737 is a specific positive allosteric modulator (PAM) of mGlu4 receptor. The EC<sub>50</sub> of VU 0361737 is 240 nM for the human receptors. The EC<sub>50</sub> of VU 0361737 is 110 nM for rat receptors. It exhibits weak activity at mGlu5 and mGlu8 receptors, and is inactive at mGlu1, mGlu2, mGlu3, mGlu6 and mGlu7 receptors, can penetrate into CNS.

## 储存

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