

Catalog Number: CM02709

## 产品信息

**Catalog Number:**  
CM02709

**CAS号:**  
477775-14-7

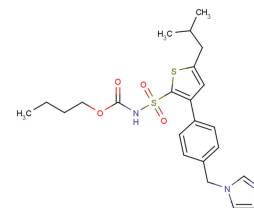
**分子式:**  
 $C_{15}H_{12}FIN_2O_3$

**主要靶点:**  
RAAS

**主要通路:**  
内分泌与激素

**分子量:**  
414.17

**溶解度:**  
DMSO:22.5 mg/mL (47.31 mM)



## 靶点活性

AT2:0.4 nM(ki)|AT1:>10  $\mu$  M(ki)

## 体内活性

Buloxibutid, with a bioavailability of 20-30% after oral administration and a half-life estimated to 4 h in rats. Which induces the outgrowth of neurite cells, stimulates p42/p44mapk, and enhances in vivo duodenal alkaline secretion in Sprague-Dawley rats. And it lowers the mean arterial blood pressure in anesthetized, spontaneously hypertensive rats.[1]

## 描述

Buloxibutid is a novel and selective small molecule angiotensin II AT2 receptor agonist with Ki values of 0.4 nM and 10  $\mu$  M for AT2 and AT1 receptors, respectively.

## 储存

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