

Catalog Number: CM06393

## 产品信息

**Catalog Number:**  
CM06393

**CAS号:**  
1286770-55-5

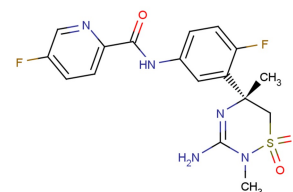
**分子式:**  
C<sub>17</sub>H<sub>17</sub>F<sub>2</sub>N<sub>5</sub>O<sub>3</sub>S

**主要靶点:**  
BACE|Beta-Secretase

**主要通路:**  
神经科学

**分子量:**  
409.41

**溶解度:**  
DMSO:81 mg/mL (154.74 mM), Ethanol:5 mg/mL (9.55 mM), H<sub>2</sub>O:<1 mg/mL



## 靶点活性

BACE1:1.75 nM(Ki)|BACE2:0.37 nM(Ki)

## 体外活性

Verubecestat(MK-8931) effectively reduces A $\beta$  40 in cells with a Ki of 7.8 nM and an IC<sub>50</sub> of 13 nM[2].

## 体内活性

Verubecestat(MK-8931) dramatically lowers CSF and cortex A $\beta$  40 in both rats and cynomolgus monkeys following a single oral dose. Due to the 20 h half-life of MK-8931 it is ideal for once-a-day dosing[2].

## 描述

Verubecestat (MK-8931) is an effective and specific  $\beta$ -secretase inhibitor and  $\beta$ -site APP-cleaving enzyme 1 inhibitor or BACE1 protein inhibitor.

## 储存

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