

Catalog Number: CM11263

## 产品信息

**Catalog Number:**  
CM11263

**CAS号:**  
156053-89-3

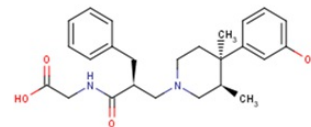
**分子式:**  
C<sub>25</sub>H<sub>32</sub>N<sub>2</sub>O<sub>4</sub>

**主要靶点:**  
Opioid Receptor

**主要通路:**  
内分泌与激素|G蛋白偶联受体|神经科学

**分子量:**  
424.53

**溶解度:**  
DMSO:80 mg/mL(188.4 mM)



## 靶点活性

μ-opioid receptor:0.77 nM(Ki) | δ-opioid receptor:4.4 nM | δ-opioid receptor:4.4 nM(Ki) | κ-opioid Receptor:40 nM(Ki)

## 描述

Alvimopan is a synthetic trans-3, 4-dimethyl-4-(3-hydroxyphenyl) piperidine with peripherally selective opioid mu receptor antagonist activity. Alvimopan is a selective and competitive antagonist at mu-opioid receptors, found in myenteric and submucosal neurons and the immune cells of the lamina propria in the human gut. Upon administration, this agent binds to mu-opioid receptors in the gut, thereby reversing opioid-related disturbances in gut motility. Alvimopan is approximately three to nine times more potent than naloxone.

## 储存

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