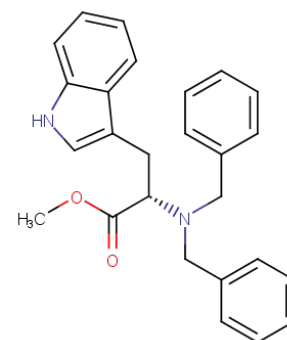


Catalog Number: CM06806

## 产品信息

Catalog Number:  
CM06806CAS号:  
259674-19-6分子式:  
 $C_{26}H_{26}N_2O_2$ 主要靶点:  
TRP/TRPV Channel主要通路:  
离子通道分子量:  
398.5溶解度:  
DMSO:160 mg/mL (401.51 mM)

## 靶点活性

TRPM8:0.2 nM

## 体外活性

TRPM8 antagonist 2 (Compound 14) is a potent and selective TRPM8 antagonist, with an IC<sub>50</sub> of 0.2 nM, used in the research of neuropathic pain syndromes. TRPM8 antagonist 2 potently inhibits menthol-induced increase in intracellular Ca<sup>2+</sup> levels in Ca<sup>2+</sup> fluorimetric assays in HEK293 cells stably expressing the rat isoform of TRPM8 channels (IC<sub>50</sub>, 40 nM).

## 体内活性

TRPM8 antagonist 2 (1, 10, and 30 mg/kg, s.c.) exhibits a marked, dose-dependent antinociceptive activity, and inhibits wet-dog shakes (WDS)-like cold hypersensitivity in mice by 63% at 30 mg/kg. Moreover, TRPM8 antagonist 2 (0.1 and 1 μg, s.c.) attenuates Oxaliplatin (OXP)-induced cold allodynia in mice.

## 储存

Powder: -20°C for 3 years | In solvent: -80°C for 1 year | Shipping with blue ice.