

For Research Use Only

# ANGIOTENSIN IV TFA(12676-15-2(free base))



Catalog Number: CM11335

## 产品信息

**Catalog Number:**  
CM11335

**CAS号:**

**分子式:**  
C<sub>42</sub>H<sub>55</sub>F<sub>3</sub>N<sub>8</sub>O<sub>10</sub>

**主要靶点:**

RAAS

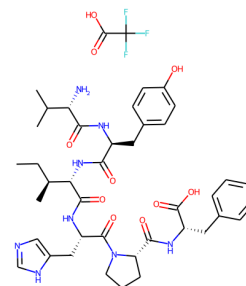
**主要通路:**

内分泌与激素

**分子量:**  
888.92

**溶解度:**

DMSO:25 mg/mL (28.12 mM)



## 体内活性

Rats with CCH exhibited higher levels of A $\beta$  42, p-tau and pro-inflammatory cytokines in the brain when compared with controls. Infusion of Ang IV significantly reduced the expression of pro-inflammatory cytokines in the brains of rats with CCH. Meanwhile, the reduction of pro-inflammatory cytokines levels caused by Ang IV was reversed by divalinal-Ang IV. During the treatment, the SBP in rats was not significantly altered[1]

## 动物实验

Eight weeks after bilateral CCA ligation surgery, rats were anaesthetized with 10% chloral hydrate and placed in a stereotactic frame. The scalp was reflected under sterile surgical conditions. A brain-infusion cannula coupled via vinyl tubing to an osmotic pump was implanted into the third cerebral ventricle by surgeons who were blinded to the experimental groups. Osmotic pumps were placed subcutaneously between the scapulae and used to infuse two doses of Ang IV (20 nM, 0.15  $\mu$ l/h and 100 nM, 0.15  $\mu$ l/h), divalinal-Ang IV (500 nM, 0.15  $\mu$ l/h) or aCSF (0.15  $\mu$ l/h) into the third cerebral ventricle, lasting for six weeks. Following this surgery, the wounds were carefully closed with sutures[1]

## 储存

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

For technical support and original validation data for this product please contact

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