

For Research Use Only

# CGRP (83-119), rat TFA



www.ptgcn.com

Catalog Number: CM11422

## 产品信息

**Catalog Number:**  
CM11422

**CAS号:**

**分子式:**  
 $C_{162}H_{262}N_{50}O_{52}S_2C_2HF_3O_2$

**主要靶点:**

Others

**主要通路:**

其他

**分子量:**  
3920.32

**溶解度:**

H<sub>2</sub>O:10 mg/mL (2.55 mM)

Ser-Cys-Asn-Thr-Ala-Thr-Cys-Val-Thr-His-Arg-Leu-Ala-Gly-Leu-Leu-Ser-Arg-Ser-Gly-Gly-Val-Val-Lys-Asp-Asn-Phe-Val-Pro-Thr-Asn-Val-Gly-Ser-Glu-Ala-Phe-NH<sub>2</sub>  
(Disulfide bridge: Cys2-Cys7)(TFA salt)

## 体外活性

CGRP (83-119), rat TFA(CGRP) (83-119), 属于降钙素家族的神经肽, 该家族还包括降钙素、肾上腺髓质素、淀粉样蛋白、降钙素、中间素和降钙素受体刺激肽。CGRP 具有两种异构体(α CGRP 和 β CGRP), 通过降钙素样受体(CRLR)发挥作用[1]。CGRP 在偏头痛的病理生理学中起关键作用, 与三叉神经血管系统的激活有关。CGRP 可能在这些涉及原发性头痛的区域后接头地发挥作用[2]。

## 体内活性

Calcitonin Gene Related Peptide, CGRP (83-119), rat TFA 是一种在鼠面部组织中引发水肿的强效诱导剂。CGRP (100 μL; 8-33 pM)能迅速(5-15分钟)且持久(6小时)地按剂量依赖性引导鼠脸颊发生水肿。CGRP 同样在鼠后爪引起较小的水肿效果, 此效应可被CGRP拮抗剂阻断。CGRP (16 pM)可增强与物质P (3.7 nM)[3]共同注射时所引起的水肿。

## 储存

keep away from moisture | 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

T: 027-87531629

E: Proteintech-CN@ptglab.com

W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.