

## $\alpha$ -CGRP (mouse, rat) (TFA)

**Cat. No.:** HY-P0203A  
**Batch No.:** 228188  
**Chemical Name:** L-Phenylalaninamide, L-seryl-L-cysteinyl-L-asparaginyl-L-threonyl-L-alanyl-L-threonyl-L-cysteinyl-L-valyl-L-threonyl-L-histidyl-L-arginyl-L-leucyl-L-alanylglycyl-L-leucyl-L-leucyl-L-seryl-L-arginyl-L-serylglycylglycyl-L-valyl-L-valyl-L-lysyl-L- $\alpha$ -aspartyl-L-asparaginyl-L-phenylalanyl-L-valyl-L-prolyl-L-threonyl-L-asparaginyl-L-valylglycyl-L-seryl-L- $\alpha$ -glutamyl-L-alanyl-, cyclic (2 $\rightarrow$ 7)-disulfide, TFA

### PHYSICAL AND CHEMICAL PROPERTIES

**Molecular Formula:** C<sub>162</sub>H<sub>262</sub>N<sub>50</sub>O<sub>52</sub>S<sub>2</sub>·C<sub>2</sub>HF<sub>3</sub>O<sub>2</sub>  
**Molecular Weight:** 3920.27  
**Storage:** Sealed storage, away from moisture  
Powder            -80°C     2 years  
                         -20°C     1 year  
\* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)

### Chemical Structure:

SCNTATCVTHRLAGLLSRSGGVVKDNFVPTNVGSEAF-NH<sub>2</sub>  
(Disulfide bridge:Cys2-Cys7) (TFA salt)

### ANALYTICAL DATA

**Appearance:** White to off-white (Solid)  
**MS:** Consistent with structure  
**Purity (HPLC):** 99.22%  
**Conclusion:** The product has been tested and complies with the given specifications.

**Caution: Product has not been fully validated for medical applications. For research use only.**

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA