

## $\alpha$ -CGRP(human) (TFA)

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Cat. No.: HY-P1071A  
Batch No.: 89287  
Chemical Name:  $\alpha$ -Calcitonin gene-related peptide (human) (TFA)

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C<sub>165</sub>H<sub>268</sub>F<sub>3</sub>N<sub>51</sub>O<sub>51</sub>S<sub>2</sub>  
Molecular Weight: 3903.33  
Storage: Powder      -80°C    2 years  
                             -20°C    1 years  
                             In solvent   -80°C    6 months  
   -20°C    1 month

Chemical Structure:

ACDTATCVTHRLAGLLSRSGGVKNNFPTNVGSKAF-NH<sub>2</sub>  
(Disulfide bridge:Cys<sub>2</sub>-Cys<sub>17</sub>) (TFA salt)

### ANALYTICAL DATA

Appearance: White to off-white (Solid)  
MS: Consistent with structure  
Purity (HPLC): 99.95%  
Peptidecontent(N%): 78.7%  
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.**

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