

## Cecropin A

|                |   |
|----------------|---|
| Cat. No.:      | HY-P1539  |
| CAS No.:       | 80451-04-3  |
| Batch No.:     | 179513  |
| Chemical Name: | L-Lysinamide, L-lysyl-L-tryptophyl-L-lysyl-L-leucyl-L-phenylalanyl-L-lysyl-L-lysyl-L-isoleucyl-L- $\alpha$ -glutamyl-L-lysyl-L-valylglycyl-L-glutamyl-L-asparagyl-L-isoleucyl-L-arginyl-L- $\alpha$ -aspartylglycyl-L-isoleucyl-L-isoleucyl-L-lysyl-L-alanylglycyl-L-prolyl-L-alanyl-L-valyl-L-alanyl-L-valyl-L-valylglycyl-L-glutamyl-L-alanyl-L-threonyl-L-glutamyl-L-isoleucyl-L-alanyl- |

### PHYSICAL AND CHEMICAL PROPERTIES

|                    |   |
|--------------------|---|
| Molecular Formula: | C <sub>184</sub> H <sub>313</sub> N <sub>53</sub> O <sub>46</sub>   |
| Molecular Weight:  | 4003.78   |
| Storage:           | Sealed storage, away from moisture<br>Powder            -80°C     2 years<br>-20°C     1 years<br>* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture) |

### Chemical Structure:

KWKLFKKIEKVGQNIIRDGIKAGPAVAVVGGATQIAK-NH<sub>2</sub>

### ANALYTICAL DATA

|                |   |
|----------------|---|
| Appearance:    | White to off-white (Solid)  |
| MS:            | Consistent with structure   |
| Purity (HPLC): | 99.50%  |
| 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