

---

**Product Name** : Cecropin B  
**Cat. No.** : PC-47495  
**CAS No.** : 80451-05-4  
**Batch No.** : PC-4749501  
**Chemical Name** : L-Leucinamide, L-lysyl-L-tryptophyl-L-lysyl-L-valyl-L-phenylalanyl-L-lysyl-L-lysyl-L-isoleucyl-L- $\alpha$ -glutamyl-L-lysyl-L-methionylglycyl-L-arginyl-L-asparaginyl-L-isoleucyl-L-arginyl-L-asparaginylglycyl-L-isoleucyl-L-valyl-L-lysyl-L-alanylglycyl-L-prolyl-L-a

### PHYSICAL AND CHEMICAL PROPERTIES

**Molecular Weight** : 3834.67  
**Molecular Formula** :  $C_{176}H_{302}N_{52}O_{41}S$   
**Storage** : Powder -20°C 12 Months  
4°C 6 Months  
In solvent -80°C 6 Months  
-20°C 6 Months  
**Chemical Structure** :

# Cecropin B

### ANALYTICAL DATA

**Appearance** : Solid powder  
**<sup>1</sup>H NMR Spectrum** : Consistent with  
**HPLC** : Consistent with  
**NP** : Consistent with  
**Purity (HPLC and/or LCMS)** : >98%  
**Conclusion** : The product has been tested and complies with the given specifications.

**Caution: Product has not been fully validated for medical applications. Lab Use Only!**

E-mail: tech@probechem.com

---