

## Cecropin B

Cat. No.:	HY-P0092
CAS No.:	80451-05-4
Batch No.:	254441
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-alanyl-L-isoleucyl-L-alanyl-L-valyl-L-leucylglycyl-L- $\alpha$ -glutamyl-L-alanyl-L-lysyl-L-alanyl-

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	$C_{176}H_{302}N_{52}O_{41}S$
Molecular Weight:	3834.67
Storage:	Sealed storage, away from moisture Powder            -80°C     2 years -20°C     1 years * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)

### Chemical Structure:

KWKVFKKIEKMGRNIRNGIVKAGPAIAVLGEAKAL-NH<sub>2</sub>

### ANALYTICAL DATA

Appearance:	White to off-white (Solid)
MS:	Consistent with structure
Purity (HPLC):	98.07%
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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