

Analytical Data Sheet

Lot number

1045883

not for drug use

Catalog Number

H-3096.0500

Product number

4030477.0500

Product

Cecropin B

H- Lys- Trp- Lys- Val- Phe- Lys- Lys- Ile- Glu- Lys- Met-
Gly- Arg- Asn- Ile- Arg- Asn- Gly- Ile- Val- Lys- Ala- Gly-
Pro- Ala- Ile- Ala- Val- Leu- Gly- Glu- Ala- Lys- Ala- Leu-
NH₂

Molecular formula

C₁₇₆H₃₀₂N₅₂O₄₁S

Relative molecular mass

3834.73

Tests	Results
Appearance	white powder
Identification (MALDI-MS)	m = 3834.4u
Amino acid analysis	Asx 1.9 (2) Glx 1.8 (2) Val** 2.7 (3) Gly 4.0 (4) Ala 5.2 (5) Leu 2.0 (2) Met 0.9 (1) Ile** 3.5 (4) Trp* 0.7 (1) Phe 1.0 (1) Lys 7.2 (7) Arg 2.1 (2) Pro 1.0 (1) *partially destroyed during acid hydrolysis **Valine and Isoleucine values low due to the resistance of the Ile-Val bond to acid hydrolysis.
Solubility	soluble in water
Purity (HPLC)	> 99%
Assay (AAA)	75.2%
General comment	product supplied as trifluoroacetate salt
Latest update: December 07, 2012	Analytical Data Sheet Lot number 1045883