

Analytical Data Sheet

Lot number **1063093**
not for drug use

Catalog number **H-5718.0500**
Product number **4039862.0500**
Product **Cecropin P1**
H- Ser- Trp- Leu- Ser- Lys- Thr- Ala- Lys- Lys- Leu- Glu-
Asn- Ser- Ala- Lys- Lys- Arg- Ile- Ser- Glu- Gly- Ile- Ala-
Ile- Ala- Ile- Gln- Gly- Gly- Pro- Arg- OH
Molecular formula $C_{147}H_{253}N_{45}O_{43}$
Relative molecular mass 3338.90

Tests	Results
Appearance	white powder
Identification (MALDI-MS)	m = 3338.9u
Amino acid analysis	Asx 1.1 (1) Pro 1.0(1) Leu 2.0(2) Glx 2.9 (3) Ile 3.8(4) Arg 2.0(2) Ala 4.1 (4) Trp* 0.8(1) Lys 5.1 (5) Ser 3.7(4) Thr 1.0(1) Gly 3.1 (3) * partially destroyed during hydrolysis
Solubility	soluble in water
Purity (HPLC)	> 98%
Assay (AAA)	85.7%
General comment	product supplied as a trifluoroacetate salt

Latest update: December 10, 2015

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