

Analytical Data Sheet

Lot number **1000009467**
not for drug use

Catalog number H-6132.1000
Product number 4045700.1000
Product **Biotinyl- εAhx- ω- Conotoxin GVIA trifluoroacetate salt**
 Biotinyl- εAhx- Cys- Lys- Ser- Hyp- Gly- Ser- Ser- Cys- Ser- Hyp- Thr- Ser- Tyr- Asn- Cys- Cys- Arg- Ser- Cys- Asn- Hyp- Tyr- Thr- Lys- Arg- Cys- Tyr- NH₂ trifluoroacetate salt
 (Disulfide bonds between Cys² and Cys¹⁷/Cys⁹ and Cys²⁰/ Cys¹⁶ and Cys²⁷)
Molecular formula C₁₃₆H₂₀₇N₄₁O₄₆S₇
Relative molecular mass 3376.85

Tests	Results
Appearance	white powder
Identification (MALDI-MS)	m= 3377.7u
Amino acid analysis	Asx 2.0 (2) Cys* 0.2 (6) Gly 1.0 (1) Arg 2.1 (2) Lys 2.0 (2) Ser* 4.2 (6) Hyp det. (3) Tyr 2.8 (3) Thr 2.0 (2) εAhx det. (1) * Partially destroyed during acid hydrolysis.
Solubility	soluble in 0.1% TFA in water
Purity (HPLC)	> 97%
Assay (AAA)	85.6%

Latest update: November 29, 2018

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