

## Analytical Data Sheet

Lot number **1000009687**  
not for drug use

**Catalog number** H-6132.0500  
**Product number** 4045700.0500  
**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- NH<sub>2</sub> trifluoroacetate salt  
 (Disulfide bonds between Cys<sup>2</sup> and Cys<sup>17</sup>/Cys<sup>9</sup> and Cys<sup>20</sup>/ Cys<sup>16</sup> and Cys<sup>27</sup>)  
**Molecular formula** C<sub>136</sub>H<sub>207</sub>N<sub>41</sub>O<sub>46</sub>S<sub>7</sub>  
**Relative molecular mass** 3376.85

Tests	Results
<b>Appearance</b>	white powder
<b>Identification (MALDI-MS)</b>	m= 3377.7u
<b>Amino acid analysis</b>	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.
<b>Solubility</b>	soluble in 0.1% TFA in water
<b>Purity (HPLC)</b>	> 97%
<b>Assay (AAA)</b>	85.6%

Latest update: December 03, 2018

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