

## Analytical Data Sheet

Lot number

**1065622**

not for drug use

Catalog number

**H-6615.1000**

Product number

**4016306.1000**

Product

**ω- Conotoxin GVIA trifluoroacetate salt**

H- 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>1</sup> and Cys<sup>16</sup>/Cys<sup>8</sup> and  
Cys<sup>19</sup>/ Cys<sup>15</sup> and Cys<sup>26</sup>)

Molecular formula

 $C_{120}H_{182}N_{38}O_{43}S_6$ 

Relative molecular mass

3037.39

| Tests                      | Results                                      |
|----------------------------|--|
| Appearance                 | white lyophilisate                           |
| Appearance of solution     | clear, colorless solution (1 mg/ml in water) |
| Identification (ESI-MS)    | m = 3037.4u (average mass)                   |
| Purity (HPLC)              | 98.1% (TFA)<br>98.1% (TEAP)                  |
| Assay (elemental analysis) | 76.1% (Nth 17.52 %, Nfd 13.33 %)             |

Latest update: May 26, 2016

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