

## Analytical Data Sheet

Lot number **1000008264**  
not for drug use

Catalog number **H-2738.1000**

Product number **4030525.1000**

Product **μ- Conotoxin GIIIA**  
H- Arg- Asp- Cys- Cys- Thr- Hyp- Hyp- Lys- Lys- Cys-  
Lys- Asp- Arg- Gln- Cys- Lys- Hyp- Gln- Arg- Cys- Cys-  
Ala- NH<sub>2</sub>  
(Disulfide bonds between Cys<sup>3</sup> and Cys<sup>15</sup>/Cys<sup>4</sup> and  
Cys<sup>20</sup>/Cys<sup>10</sup> and Cys<sup>21</sup>)

Molecular formula **C<sub>100</sub>H<sub>170</sub>N<sub>38</sub>O<sub>32</sub>S<sub>6</sub>**

Relative molecular mass **2609.08**

Tests	Results
Appearance	white lyophilisate
Appearance of solution	clear, colorless solution (1 mg/mL in 0.1% trifluoroacetic acid)
Identification (ESI-MS)	m= 2609.1u (average mass)
Purity (HPLC)	93.6% (TFA)
Assay (elemental analysis)	70.5% (Nth 20.40%, Nfd 14.39%)
General comment	product supplied as trifluoroacetate salt

Latest update: November 13, 2018

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