

Analytical Data Sheet

Lot number

1057270

not for drug use

Catalog number

H-2738.0500

Product number

4030525.0500

Product

μ-Conotoxin GI1IA
H- Arg- Asp- Cys- Cys- Thr- Hyp- Hyp- Lys- Lys- Cys-
Lys- Asp- Arg- Gln- Cys- Lys- Hyp- Gln- Arg- Cys- Cys-
Ala- NH₂
(Disulfide bonds between Cys³ and Cys¹⁵/Cys⁴ and
Cys²⁰/Cys¹⁰ and Cys²¹)

Molecular formula

C₁₀₀H₁₇₀N₃₈O₃₂S₆

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: January 27, 2015

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