

Analytical Data Sheet

Lot number

1074415

not for drug use

Catalog number

H-9015.0500

Product number

4016344.0500

Product

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

Molecular formula

C₁₀₁H₁₇₅N₃₉O₃₀S₇

Relative molecular mass

2640.21

Tests	Results
Appearance	white lyophilisate
Appearance of solution	clear, colorless solution (1 mg/mL in water)
Identification (MALDI-MS)	m= 2640.2u (avarage mass)
Purity (HPLC)	97.2% (TFA)
Assay (elemental analysis)	68.7% (Nth 20.69%, Nfd 14.21%)
General comment	Product supplied as trifluoroacetate salt

Latest update: November 24, 2017

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