

Analytical Data Sheet

Lot number	1000045066 not for drug use
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 ₂ trifluoroacetate salt (Disulfide bonds between Cys ¹ and Cys ¹⁶ /Cys ⁸ and Cys ¹⁹ / Cys ¹⁵ and Cys ²⁶)
Product number	4016306.0500
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 (1mg/mL in water)
Identification (ESI-MS)	m=3037.4u (average mass)
Purity (HPLC)	98.1% (TFA) 98.1% (TEAP)
Assay (elemental analysis)	76.1% (N _{Th} 17.52%, N _{Fd} 13.33%)

Latest update: February 05, 2021

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