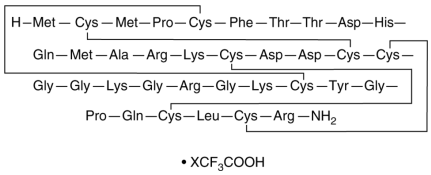
Certificate of Analysis

Product Name:	Chlorotoxin (trifluoroacetate salt)
Cat. No.:	GC92127
Batch No.:	1
Chemical Name:	L-methionyl-L-cysteinyl-L-methionyl-L-prolyl-L-cysteinyl-L-phenylalanyl-L-threonyl-L-threonyl-L-α-aspartyl-L-histidyl-L-glutaminyl-L-methionyl-L-alanyl-L-arginyl-L-lysyl-L-cysteinyl-L-α-aspartyl-L-α-aspartyl-L-cysteinyl-L-cysteinylglycylglycyl-L-lysylglycyl-L-arginylglycyl-L-lysyl-L-cysteinyl-L-tyrosylglycyl-L-prolyl-L-glutaminyl-L-cysteinyl-L-leucyl-L-cysteinyl-L-argininamide, cyclic (2→19),(5→28),(16→33),(20→35)-tetrakis(disulfide), trifluoroacetate salt

PHYSICAL AND CHEMICAL PROPERTIES

Cas. No.:	
Molecular Formula:	$C_{158}H_{249}N_{53}O_{47}S_{11}$? XCF_3COOH
Molecular Weight:	3995.7
Storage:	-20°C
Chemical Structure:	

ANALYTICAL DATA

Appearance:	A solid
HNMR:	Consistent with structure
HPLC:	Consistent with structure
Purity:	>95.00%
Conclusion:	The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. For research use only.
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