

Analytical Data Sheet

Lot number

2000612

not for drug use

Catalog number

H-9595

Product

Charybdotoxin

Pyr-Phe-Thr-Asn-Val-Ser-Cys-Thr-Thr-Ser-Lys-Glu-Cys-Trp-Ser-Val-Cys-Gln-Arg-Leu-His-Asn-Thr-Ser-Arg-Gly-Lys-Cys-Met-Asn-Lys-Lys-Cys-Arg-Cys-Tyr-Ser-OH
(Disulfide bonds between Cys⁷ & Cys²⁸ / Cys¹³ & Cys³³ / Cys¹⁷ & Cys³⁵)

Molecular formula

C₁₇₆ H₂₇₇ N₅₇ O₅₅ S₇

Relative molecular mass

4296.0

Tests	Results															
Appearance	White powder															
Salt Form	TFA															
Solubility	At least 1 mg/ml in H ₂ O															
Purity	>94% by reverse phase HPLC															
Peptide Content	79%															
Mass Analysis	As expected															
Amino Acid Analysis	<table border="0"> <tr> <td>Asx 3.00 (3)</td> <td>Thr 3.89 (4)</td> <td>Ser 4.41 (5)</td> </tr> <tr> <td>Glx 2.97 (3)</td> <td>Gly 1.01 (1)</td> <td>Cys 4.62 (6)</td> </tr> <tr> <td>Val 1.74 (2)</td> <td>Met 0.49 (1)</td> <td>Leu 1.03 (1)</td> </tr> <tr> <td>Tyr 0.95 (1)</td> <td>Phe 0.94 (1)</td> <td>Trp ND (1)</td> </tr> <tr> <td>Lys 4.00 (4)</td> <td>His 0.93 (1)</td> <td>Arg 2.90 (3)</td> </tr> </table>	Asx 3.00 (3)	Thr 3.89 (4)	Ser 4.41 (5)	Glx 2.97 (3)	Gly 1.01 (1)	Cys 4.62 (6)	Val 1.74 (2)	Met 0.49 (1)	Leu 1.03 (1)	Tyr 0.95 (1)	Phe 0.94 (1)	Trp ND (1)	Lys 4.00 (4)	His 0.93 (1)	Arg 2.90 (3)
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Latest update: January 29, 2007	<p>Analytical Data Sheet</p> <p>Lot number 2000612</p>															