BIOCHEMISTRY
including biophysical chemistry & molecular biology
Biochemistry, 1997, 36(50), 15677-15684, DOI:10.1021/bi9718550

Terms & Conditions

Electronic Supporting Information files are available without a subscription to ACS Web Editions. The American Chemical Society holds a copyright ownership interest in any copyrightable Supporting Information. Files available from the ACS website may be downloaded for personal use only. Users are not otherwise permitted to reproduce, republish, redistribute, or sell any Supporting Information from the ACS website, either in whole or in part, in either machine-readable form or any other form without permission from the American Chemical Society. For permission to reproduce, republish and redistribute this material, requesters must process their own requests via the RightsLink permission system. Information about how to use the RightsLink permission system can be found at
http://pubs.acs.org/page/copyright/permissions.html



ACS Publications
MOST TRUSTED. MOST CITED. MOST READ.

Copyright © 1997 American Chemical Society

TABLE S-1

^{1}H chemical shift assignments of conantokin G:Ca^{2+} complex in aqueous solution. 5.8 mM of conantokin G peptide was dissolved in 90:10 (H_2O:D_2O) at pH 5.6, 58 mM $CaCl_2$ and 25 °C referenced to H_2O at 4.77 ppm

Residue	NH	αH	βH	γH	Others
Gly1		4.03			Hα 3.96
Glu2	9.05	4.09	2.09, 2.07	2.38, 2.38	
Gla3	9.03	4.20	2.22, 2.05	3.28	
Gla4	7.93	4.07	2.39, 2.14	3.25	
Leu5	7.80	4.18	1.85, 1.65	1.73	Hδ .93, .91
Gln6	8.09	4.07	2.25, 2.12	2.52, 2.42	Hε 7.55, 6.83
Gla7	8.44	4.15	2.32, 2.26	3.60	
Asn8	8.31	4.58	2.96, 2.89		Hδ 7.60, 6.99
Gln9	8.26	4.06	2.25, 2.15	2.52, 2.47	Hε 7.61, 6.89
Gla10	8.25	4.35	2.27, 2.22	3.38	
Leu11	7.77	4.07	1.83, 1.70	1.81	Hδ .95, .90
Ile12	7.45	3.69	1.97	1.66, 1.18	Hγ .90, Hδ .82
Arg13	8.11	3.93	1.98, 1.90	1.68, 1.49	Hδ 3.33, 3.03 Hε 7.68 Hη 7.02, 6.70
Gla14	8.61	4.05	2.35, 2.25	3.56	
Lys15	7.91	4.21	1.96, 1.91	1.53, 1.51	Hδ 1.66, Hε 2.98
Ser16	7.99	4.40	3.98, 3.95		
Asn17	8.02		2.89, 2.80		
NH2	7.35, 7.20				