

BIOCHEMISTRY

including biophysical chemistry & molecular biology

Biochemistry, 1998, 37(25), 8817-8824, DOI:[10.1021/bi980511m](https://doi.org/10.1021/bi980511m)

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 © 1998 American Chemical Society

TABLE 1: NMR Experiments and Parameters

NMR Experiment	Field Strength	Nucleus			# Complex Points			Sweep Width (Hz)			Reference (ppm)		
		F1	F2	F3	F1	F2	F3	F1	F2	F3	F1	F2	F3
HSQC	11.7/14.1	¹⁵ N	¹ H	-	256	2048	-	2500	6614	-	115.3	4.58	-
CT-HSQC	14.1/14.1	¹³ C	¹ H	-	512	2048	-	12500	6614	-	44.3/110	4.58	-
HNCO	11.7/14.1	¹³ C	¹⁵ N	¹ H	64	48	2048	1500	2500	6614	177.2	115.3	4.58
HCACO	11.7	¹³ C	¹³ C	¹ H	32	32	2048	5436	1818	6009	56.8	177.2	4.58
HNCACB	11.7	¹³ C	¹⁵ N	¹ H	80	49	2048	8621	2000	6009	48.8	115.3	4.58
CBCA(CO)NH	11.7	¹³ C	¹⁵ N	¹ H	52	44	2048	10000	2000	6009	45.8	115.3	4.58
C(CO)NH	11.7/14.1/14.1	¹³ C	¹⁵ N	¹ H	62	50	2048	12977	2500	6614	45.3	115.3	4.58
TOCSY-HSQC	11.7/14.1	¹ H	¹⁵ N	¹ H	200	48	1024	6614	2500	6614	4.58	115.3	4.58
H(CCO)NH	11.7/14.1/14.1	¹ H	¹⁵ N	¹ H	128	50	2048	6614	2500	6614	4.58	115.3	4.58
HCCH-COSY	11.7	¹ H	¹³ C	¹ H	128	110	1024	4000	7692	6009	4.10	45.5	4.10
HCCH-TOCSY	11.7	¹ H	¹³ C	¹ H	128	110	1024	4000	7692	6009	4.10	45.5	4.10
TOCSY-CT-HMQC	14.1	¹ H	¹³ C	¹ H	24	30	1024	1502	4545	1502	7.16	127.3	7.17
NOESY-HSQC	11.7/14.1	¹ H	¹⁵ N	¹ H	150	64	2048	6614	2500	6614	4.58	115.3	4.58
NOESY-HSQC	11.7/14.1	¹ H	¹³ C	¹ H	194	96	1024	5600	11062	6614	4.58	39.3	4.58
NOESY-CT-HSQC	14.1	¹ H	¹³ C	¹ H	100	50	2048	6614	4545	6614	4.58	127.3	4.58
HNCA-J	14.1	¹³ C	¹⁵ N	¹ H	100	30	2048	4545	2500	6614	60.3	115.3	4.58

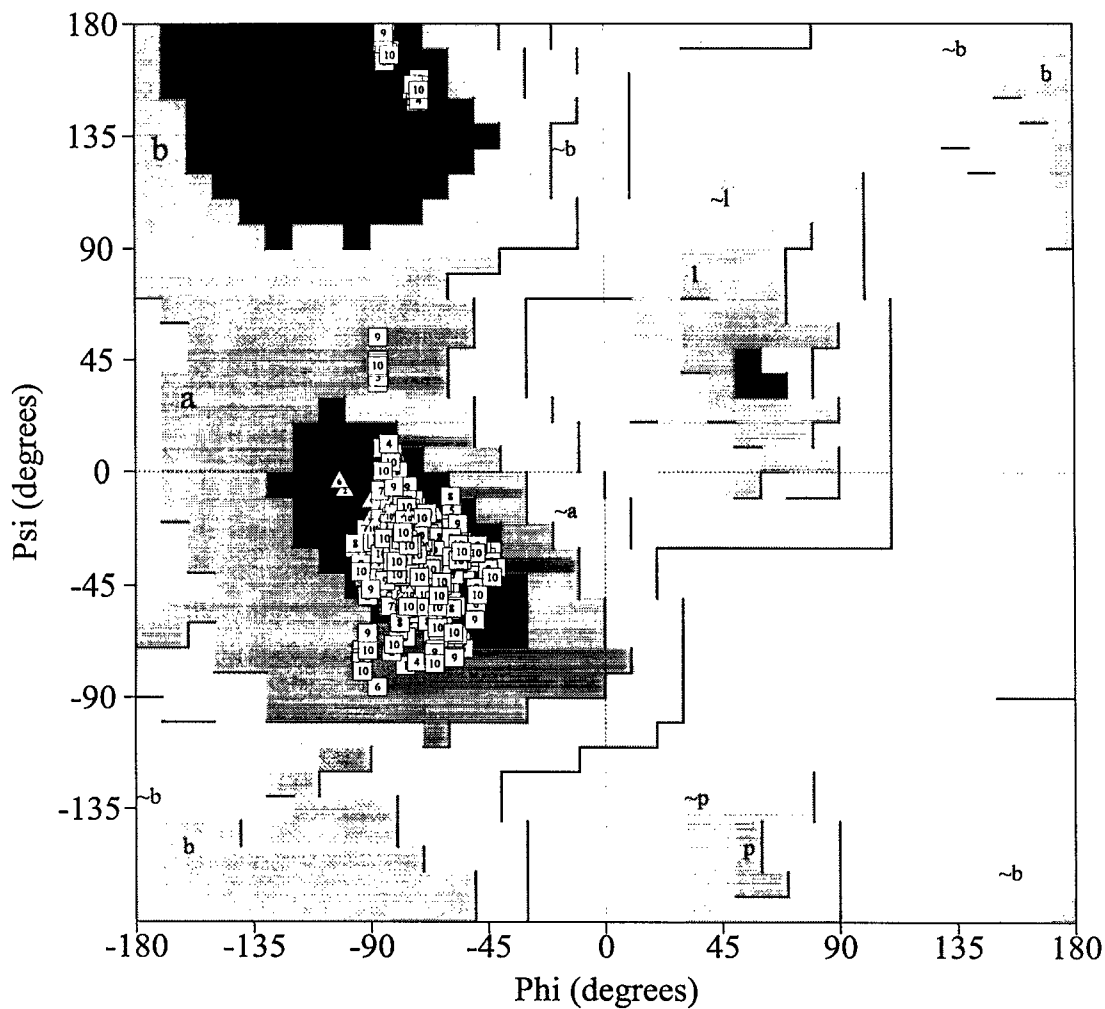


FIGURE 1: Ramachandran plot for the 10 subunit *c* NMR conformers. Favored and allowed regions are indicated by shading.