Table of Positional Parameters (cont.)

Atom	x	y	z	Ueqv	
H55	0.5296	0.1836	0.4732	0.0591	*
H56	0.4214	0.0821	0.4500	0.0690	*
H57	0.2945	-0.0197	0.3624	0.0659	*
H58	0.2014	-0.0729	0.2549	0.0644	*
H59	0.1474	-0.0716	0.1351	0.0532	*
H60	0.1582	-0.0092	0.0621	0.0503	*
H61	0.3198	0.2226	0.1680	0.0429	*
H62	0.3445	0.2961	0.1060	0.0451	*
H63	0.2549	0.0966	-0.0763	0.0467	*
H64	0.2309	0.0231	-0.0146	0.0464	*
H65	0.3218	0.3469	0.0380	0.0562	*
H66	0.3288	0.3456	-0.0328	0.0562	*
H67	0.4526	0.3263	0.0605	0.0541	*
H68	0.4490	0.4089	0.0620	0.0541	*
H69	0.5676	0.3297	-0.0397	0.0774	*
H70	0.5699	0.3425	0.0362	0.0774	*
H71	0.5597	0.4649	-0.0021	0.0752	*
H72	0.6426	0.4489	0.0225	0.0752	*
H73	0.5940	0.5896	0.0948	0.0793	*
H74	0.6793	0.5770	0.1163	0.0793	*
H75	0.5867	0.5988	0.2046	0.0844	*
H76	0.6464	0.6695	0.2080	0.0844	*
H77	0.6592	0.6315	0.3247	0.1283	*
H78	0.7192	0.7007	0.3264	0.1283	*
H79	0.7857	0.6668	0.4076	0.1421	*
H80	0.8187	0.6337	0.3446	0.1421	*
H81	0.7941	0.5623	0.4459	0.5075	*

Table of Positional Parameters (cont.)

Atom	x	y	z	Ueqv	
H82	0.8529	0.5563	0.4021	0.5075	*
H83	0.8196	0.4149	0.3730	0.2580	*
H84	0.7399	0.4111	0.3217	0.2580	*
H85	-0.0075	0.3667	0.0961	0.1357	*
H86	-0.0019	0.4599	0.0422	0.1564	*
H87	0.0833	0.5862	0.1271	0.1923	*
H88	0.1395	0.6146	0.2402	0.2086	*
H89	0.1357	0.5147	0.2887	0.2018	*
H90	0.0528	0.3868	0.2006	0.1426	*
H91	0.7797	0.0802	0.1806	0.1796	*
H92	0.6848	0.0993	0.2391	0.1661	*
H93	0.6993	0.0860	0.3376	0.1769	*
H94	0.8095	0.0563	0.3943	0.2424	*
H95	0.9242	0.0557	0.3460	0.1918	*
H96	0.8944	0.0455	0.2306	0.1776	*
H97	0.4549	-0.0690	0.2436	0.1071	*
H98	0.4271	-0.2063	0.1966	0.1011	*
H99	0.4980	-0.2669	0.2592	0.1016	*
H100	0.5978	-0.1883	0.3673	0.1034	*
H101	0.6308	-0.0533	0.4095	0.1001	*
H102	0.5551	0.0079	0.3502	0.1101	*
H103	0.3709	-0.2638	0.3432	0.1355	*
H104	0.4100	-0.1287	0.3833	0.1168	*
H105	0.3789	-0.0449	0.4776	0.0909	*
H106	0.3091	-0.0931	0.5355	0.0847	*
H107	0.2680	-0.2273	0.4970	0.1338	*
H108	0.2945	-0.3180	0.3970	0.1362	*

Table of General Displacement Parameter Expressions - U's

Name	U(1,1)	U(2,2)	U(3,3)	U(1,2)	U(1,3)	U(2,3)
RU	.0219(3)	.0379(3)	.0273(3)	.0074(3)	.0041(2)	.0095(2)
AG	.0316(3)	.0369(3)	.0355(3)	.0057(2)	.0159(2)	.0176(2)
C1	.076(7)	.039(5)	.118(7)	-.004(5)	.047(5)	.029(5)
C2	.037(5)	.043(5)	.076(6)	.006(4)	.022(4)	.012(4)
C3	.031(4)	.040(5)	.060(5)	.002(4)	.015(4)	.012(4)
N1	.023(3)	.038(4)	.038(4)	.004(3)	.006(3)	.005(3)
C4	.023(4)	.058(5)	.044(5)	.013(4)	.011(3)	.003(4)
C5	.044(5)	.047(6)	.060(6)	.008(4)	.013(5)	-.013(5)
C6	.036(5)	.040(5)	.083(7)	.002(4)	.018(4)	.010(5)
C7	.021(4)	.068(6)	.037(5)	.015(4)	.004(3)	.008(4)
N2	.022(3)	.048(4)	.026(3)	.016(3)	.006(3)	.006(3)
C8	.024(4)	.074(5)	.034(4)	.026(4)	.014(3)	.018(4)
C9	.033(4)	.099(6)	.037(4)	.035(4)	.014(3)	.028(4)
C10	.042(5)	.097(7)	.023(4)	.021(5)	.001(4)	.014(4)
C11	.034(5)	.087(7)	.039(5)	.016(5)	.002(4)	-.007(5)
C12	.031(4)	.050(4)	.030(4)	.021(3)	.010(3)	.019(3)
N3	.025(3)	.046(3)	.032(3)	.015(3)	.013(2)	.019(2)
C13	.037(4)	.046(4)	.035(4)	.016(4)	.014(3)	.018(3)
C14	.039(4)	.052(4)	.039(4)	.018(4)	.021(3)	.023(3)
C15	.048(5)	.068(5)	.052(4)	.023(4)	.025(4)	.039(3)
C16	.033(4)	.081(5)	.036(4)	.028(4)	.014(3)	.033(3)
C17	.068(6)	.062(5)	.052(4)	.014(5)	.023(4)	.036(3)
C18	.057(5)	.047(5)	.071(5)	.010(4)	.031(4)	.022(4)
C19	.091(6)	.046(6)	.102(6)	.003(5)	.068(4)	.019(5)
O1	.069(3)	.053(4)	.111(4)	.018(3)	.064(3)	.023(3)
C20	.045(4)	.031(4)	.075(5)	.012(4)	.033(4)	.013(4)
C21	.070(5)	.047(4)	.054(4)	.016(4)	.039(3)	.030(3)

Table of General Displacement Parameter Expressions (Continued)

Name	U(1,1)	U(2,2)	U(3,3)	U(1,2)	U(1,3)	U(2,3)
C22	.049(5)	.038(4)	.042(4)	.017(4)	.020(3)	.020(3)
C23	.037(4)	.028(4)	.026(4)	.010(3)	.010(3)	.005(3)
C24	.052(5)	.034(4)	.051(4)	.017(4)	.021(4)	.021(3)
C25	.037(4)	.045(4)	.063(5)	.017(4)	.019(4)	.023(4)
C26	.038(4)	.035(4)	.033(4)	.007(3)	.014(3)	.018(3)
C27	.057(5)	.038(4)	.062(5)	.012(4)	.027(4)	.024(3)
C28	.047(5)	.043(4)	.073(5)	.003(4)	.024(4)	.033(3)
C29	.040(5)	.037(4)	.052(4)	-.002(4)	.013(4)	.021(3)
C30	.026(4)	.048(4)	.035(4)	.014(3)	.014(3)	.021(3)
N4	.032(3)	.028(3)	.030(3)	.004(3)	.008(3)	.012(2)
C31	.037(5)	.045(4)	.075(5)	.003(4)	.020(4)	.033(4)
C32	.028(4)	.063(5)	.067(5)	.005(4)	.022(3)	.034(4)
C33	.028(4)	.053(4)	.044(4)	.002(4)	.013(3)	.028(3)
C34	.028(4)	.052(5)	.047(4)	.006(4)	.018(3)	.021(3)
C35	.039(4)	.051(5)	.045(4)	.018(4)	.026(3)	.020(3)
C36	.029(4)	.035(4)	.027(3)	.010(3)	.012(3)	.010(3)
N5	.025(3)	.034(3)	.029(3)	.005(3)	.009(2)	.015(2)
C37	.025(4)	.045(4)	.035(4)	.008(3)	.011(3)	.019(3)
C38	.028(4)	.041(4)	.037(4)	.017(3)	.017(3)	.014(3)
C39	.038(4)	.032(4)	.038(4)	.015(3)	.014(3)	.015(3)
C40	.029(4)	.041(4)	.041(4)	.014(3)	.015(3)	.015(3)
C41	.037(4)	.036(4)	.049(5)	.016(3)	.015(4)	.014(3)
C42	.034(4)	.046(4)	.081(6)	.023(4)	.021(4)	.027(4)
C43	.026(4)	.047(5)	.066(5)	.014(3)	.018(4)	.023(4)
O2	.033(3)	.034(3)	.077(4)	.017(2)	.025(2)	.024(2)
C44	.035(4)	.030(4)	.058(5)	.007(4)	.019(4)	.013(3)
C45	.030(4)	.042(4)	.064(5)	.014(4)	.019(4)	.017(4)

Table of General Displacement Parameter Expressions (Continued)

Name	U(1,1)	U(2,2)	U(3,3)	U(1,2)	U(1,3)	U(2,3)
C46	.031(4)	.036(4)	.075(6)	.010(4)	.020(4)	.019(4)
C47	.031(4)	.027(4)	.066(5)	.005(3)	.015(4)	.022(3)
C48	.032(4)	.046(4)	.066(5)	.016(4)	.017(4)	.024(4)
C49	.026(4)	.041(4)	.060(5)	.005(4)	-.005(4)	.022(4)
C50	.026(4)	.038(4)	.046(4)	.003(3)	.002(4)	.019(3)
N6	.025(3)	.034(3)	.040(3)	.006(3)	.006(3)	.015(3)
C51	.027(4)	.032(4)	.038(4)	.009(3)	.009(3)	.013(3)
C52	.033(4)	.045(4)	.035(4)	.009(4)	.000(4)	.021(3)
C53	.056(6)	.070(6)	.045(5)	.022(5)	-.001(5)	.016(4)
C54	.055(6)	.097(7)	.033(5)	.013(6)	-.012(5)	.023(4)
C55	.068(7)	.091(7)	.029(4)	.024(5)	.005(5)	.024(4)
C56	.043(5)	.047(5)	.035(4)	.001(4)	-.003(4)	.013(4)
N7	.028(3)	.036(3)	.030(3)	.005(3)	.004(3)	.012(2)
C57	.039(4)	.051(5)	.031(4)	.016(4)	.006(4)	.013(3)
C58	.057(5)	.086(6)	.037(4)	.022(5)	.024(4)	.028(4)
C59	.058(5)	.082(6)	.047(4)	.022(5)	.037(3)	.029(4)
C60	.035(4)	.058(5)	.048(4)	.017(4)	.024(3)	.028(3)
C61	.040(4)	.047(4)	.029(4)	.015(4)	.013(3)	.015(3)
C62	.046(5)	.091(7)	.061(5)	.026(5)	.032(4)	.032(5)
N8	.031(3)	.040(3)	.027(3)	.009(3)	.004(3)	.014(2)
C63	.049(6)	.065(6)	.063(6)	-.008(5)	.008(5)	.028(4)
C64	.069(6)	.042(5)	.063(6)	.008(5)	.024(5)	.014(4)
C65	.063(6)	.062(5)	.031(4)	.022(5)	.010(4)	.016(4)
C66	.038(4)	.056(4)	.035(4)	.021(4)	.007(3)	.024(3)
C67	.044(5)	.061(5)	.037(4)	.024(4)	.012(4)	.020(4)
C68	.039(5)	.062(6)	.034(4)	-.001(5)	.007(4)	.008(4)
C69	.040(4)	.046(4)	.042(4)	.026(3)	.018(3)	.026(3)

Table of General Displacement Parameter Expressions (Continued)

Name	U(1,1)	U(2,2)	U(3,3)	U(1,2)	U(1,3)	U(2,3)
C70	.044(5)	.059(5)	.039(4)	.019(4)	.013(4)	.025(3)
C71	.063(5)	.075(5)	.055(4)	.033(4)	.033(4)	.048(3)
C72	.042(4)	.053(4)	.046(4)	.023(3)	.022(3)	.032(3)
C73	.033(4)	.038(4)	.039(4)	.018(3)	.020(3)	.020(3)
N9	.032(3)	.039(3)	.033(3)	.020(3)	.015(2)	.021(2)
C74	.062(5)	.061(5)	.056(4)	.023(4)	.033(4)	.042(3)
C75	.046(4)	.057(4)	.075(4)	.022(4)	.035(3)	.046(3)
C76	.038(4)	.037(4)	.054(4)	.018(3)	.026(3)	.026(3)
C77	.036(4)	.022(3)	.035(4)	.013(3)	.017(3)	.013(3)
N10	.027(3)	.028(3)	.029(3)	.011(2)	.013(2)	.013(2)
C78	.027(4)	.024(3)	.034(4)	.009(3)	.011(3)	.011(3)
C79	.028(4)	.045(4)	.042(4)	.009(4)	.014(3)	.015(3)
C80	.034(4)	.041(4)	.062(4)	.013(3)	.027(3)	.027(3)
C81	.027(4)	.039(4)	.027(3)	.010(3)	.009(3)	.013(3)
C82	.032(4)	.039(4)	.019(4)	.009(3)	.001(3)	.008(3)
C83	.039(4)	.029(4)	.032(4)	.007(3)	.010(3)	.011(3)
C84	.030(4)	.044(4)	.036(4)	.014(3)	.010(3)	.024(3)
C85	.033(4)	.043(4)	.025(4)	.005(4)	.006(3)	.011(3)
C86	.027(4)	.037(4)	.031(4)	.006(3)	.002(3)	.006(3)
O3	.047(3)	.052(3)	.035(3)	.008(3)	.009(2)	.024(2)
C87	.047(5)	.049(4)	.043(4)	.016(4)	.016(4)	.026(3)
C88	.040(5)	.043(4)	.039(4)	.006(4)	.011(4)	.017(3)
O4	.033(3)	.061(3)	.050(3)	.013(3)	.016(2)	.021(2)
C89	.052(5)	.071(6)	.065(5)	.036(4)	.031(4)	.025(4)
C90	.034(4)	.079(6)	.068(5)	.023(4)	.023(4)	.032(4)
O5	.051(3)	.049(3)	.067(3)	.014(3)	.029(3)	.032(2)
C91	.053(5)	.065(5)	.083(6)	.018(4)	.031(4)	.042(4)

Table of General Displacement Parameter Expressions (Continued)

Name	U(1,1)	U(2,2)	U(3,3)	U(1,2)	U(1,3)	U(2,3)
C92	.070(6)	.046(5)	.091(6)	.018(5)	.035(5)	.035(4)
O6	.067(4)	.046(3)	.068(4)	.004(3)	.023(3)	.024(3)
C93	.12(1)	.063(8)	.083(8)	-.013(7)	.033(7)	.004(6)
C94	.12(1)	.094(9)	.078(8)	-.028(8)	-.003(8)	.034(6)
O7	.135(9)	.158(7)	.139(6)	-.049(7)	-.040(6)	.103(4)
C95	.28(2)	.40(1)	.39(1)	-.25(1)	-.22(1)	.361(7)
C96	.22(2)	.19(1)	.14(1)	-.08(1)	.00(1)	.100(8)
O8	.076(4)	.088(5)	.102(4)	-.003(4)	.044(3)	.041(3)
P1	.042(1)	.055(1)	.041(1)	.023(1)	.0168(9)	.0189(9)
F1	.109(4)	.114(4)	.080(3)	.061(3)	.063(2)	.061(2)
F2	.062(3)	.054(3)	.073(3)	.028(2)	.028(3)	.012(3)
F3	.042(3)	.089(4)	.069(4)	.008(3)	.005(3)	.006(3)
F4	.042(3)	.068(3)	.087(4)	.020(2)	.021(3)	.009(3)
F5	.058(3)	.070(3)	.056(3)	.038(2)	.020(2)	.026(2)
F6	.086(3)	.101(3)	.079(3)	.051(3)	.046(2)	.062(2)
P2	.060(2)	.035(1)	.057(1)	.013(1)	.008(1)	.012(1)
F7	.073(4)	.076(4)	.082(4)	.031(3)	-.010(4)	.013(3)
F8	.119(6)	.200(8)	.072(5)	.078(5)	-.013(5)	-.048(6)
F9	.151(8)	.145(4)	.211(6)	-.065(5)	-.069(6)	.142(3)
F10	.121(7)	.131(4)	.181(5)	-.031(5)	-.019(5)	.115(3)
F11	.126(5)	.180(7)	.109(6)	.082(5)	.038(5)	.019(6)
F12	.069(4)	.110(4)	.156(5)	.026(3)	-.012(4)	.076(3)
P3	.104(2)	.078(2)	.044(1)	.003(2)	.030(1)	.021(1)
C103	.134(9)	.17(1)	.14(1)	.097(8)	.066(8)	.05(1)
C104	.120(9)	.20(1)	.087(9)	.100(7)	.044(7)	.053(8)
C105	.11(1)	.19(1)	.11(1)	.079(9)	.029(9)	.065(9)
C106	.35(2)	.13(1)	.13(1)	.09(1)	.13(1)	.062(9)

Table of General Displacement Parameter Expressions (Continued)

Name	U(1,1)	U(2,2)	U(3,3)	U(1,2)	U(1,3)	U(2,3)
C107	.20(2)	.112(9)	.11(1)	.03(1)	-.02(1)	.059(7)
C108	.073(7)	.14(1)	.24(1)	.061(6)	.078(8)	.090(9)
C109	.071(6)	.099(7)	.091(7)	.046(5)	.040(5)	.039(6)
C110	.052(6)	.091(8)	.066(7)	.006(6)	.012(5)	.015(6)
C111	.067(7)	.079(7)	.083(7)	.006(6)	.031(5)	.028(5)
C112	.067(7)	.107(8)	.073(6)	.015(6)	.025(5)	.047(5)
C113	.051(6)	.079(8)	.066(7)	.005(6)	.013(5)	.002(6)
C114	.069(7)	.068(7)	.092(8)	.015(6)	.026(6)	.008(6)
C115	.098(8)	.120(8)	.073(8)	.067(6)	-.006(7)	.024(6)
C116	.074(7)	.148(9)	.063(6)	.040(7)	.016(6)	.061(5)
C117	.062(7)	.085(6)	.064(6)	.015(5)	.009(5)	.041(4)
C118	.061(6)	.073(6)	.061(6)	.021(5)	.015(5)	.029(5)
C119	.048(7)	.172(8)	.117(7)	.025(6)	-.001(6)	.107(5)
C120	.090(8)	.082(7)	.100(9)	.036(6)	-.025(8)	.023(6)

Table of Bond Distances in Angstroms

Atom 1	Atom 2	Distance	Atom 1	Atom 2	Distance
RU	N1	2.051(4)	N3	C13	1.333(7)
RU	N2	1.961(4)	C13	C14	1.410(8)
RU	N3	2.068(4)	C14	C15	1.381(8)
RU	N6	2.059(4)	C14	C17	1.500(8)
RU	N7	1.971(4)	C15	C16	1.379(8)
RU	N8	2.064(4)	C17	C18	1.512(8)
AG	N4	2.316(4)	C18	C19	1.499(9)
AG	N5	2.367(4)	C19	O1	1.427(8)
AG	N9	2.353(4)	O1	C20	1.368(7)
AG	N10	2.368(4)	C20	C21	1.357(8)
C1	C2	1.52(1)	C20	C25	1.390(8)
C2	C3	1.374(8)	C21	C22	1.404(8)
C2	C6	1.388(9)	C22	C23	1.383(7)
C3	N1	1.354(7)	C23	C24	1.399(7)
N1	C4	1.358(7)	C23	C26	1.482(7)
C4	C5	1.421(9)	C24	C25	1.371(8)
C4	C7	1.479(9)	C26	C27	1.388(7)
C5	C6	1.33(1)	C26	N4	1.329(6)
C7	N2	1.335(7)	C27	C28	1.362(8)
C7	C11	1.419(9)	C28	C29	1.399(8)
N2	C8	1.351(7)	C29	C30	1.386(7)
C8	C9	1.407(8)	C29	C31	1.411(8)
C8	C12	1.476(8)	C30	N4	1.361(6)
C9	C10	1.343(9)	C30	C37	1.462(7)
C10	C11	1.34(1)	C31	C32	1.351(8)
C12	N3	1.378(6)	C32	C33	1.423(8)
C12	C16	1.358(8)	C33	C34	1.402(8)

Bond Distances (cont.)

Atom 1	Atom 2	Distance	Atom 1	Atom 2	Distance
C33	C37	1.410(7)	C54	C55	1.385(9)
C34	C35	1.345(8)	C55	C56	1.404(8)
C35	C36	1.408(7)	C56	N7	1.343(7)
C36	N5	1.321(6)	C56	C57	1.476(8)
C36	C38	1.485(7)	C57	C58	1.361(8)
N5	C37	1.378(6)	C57	N8	1.378(6)
C38	C39	1.400(7)	C58	C59	1.388(8)
C38	C43	1.395(7)	C59	C60	1.381(8)
C39	C40	1.356(7)	C60	C61	1.405(7)
C40	C41	1.419(7)	C60	C62	1.491(8)
C41	C42	1.381(7)	C61	N8	1.329(6)
C41	O2	1.354(6)	C63	C64	1.401(9)
C42	C43	1.370(8)	C63	C68	1.362(9)
O2	C44	1.429(6)	C63	O8	1.361(8)
C44	C45	1.517(8)	C64	C65	1.388(9)
C45	C46	1.528(7)	C65	C66	1.398(8)
C46	C47	1.501(8)	C66	C67	1.414(8)
C47	C48	1.395(8)	C66	C69	1.463(8)
C47	C51	1.396(7)	C67	C68	1.411(8)
C48	C49	1.355(8)	C69	C70	1.384(7)
C49	C50	1.421(7)	C69	N9	1.332(7)
C50	N6	1.375(6)	C70	C71	1.377(8)
C50	C52	1.457(8)	C71	C72	1.397(8)
N6	C51	1.334(6)	C72	C73	1.409(7)
C52	C53	1.357(8)	C72	C74	1.423(8)
C52	N7	1.346(6)	C73	N9	1.361(6)
C53	C54	1.385(9)	C73	C77	1.433(7)

Bond Distances (cont.)

Atom 1	Atom 2	Distance	Atom 1	Atom 2	Distance
C74	C75	1.329(9)	C93	C94	1.46(1)
C75	C76	1.412(8)	C94	O7	1.44(1)
C76	C77	1.420(7)	O7	C95	1.31(1)
C76	C80	1.417(8)	C95	C96	1.71(2)
C77	N10	1.354(6)	C96	O8	1.29(1)
N10	C78	1.307(6)	P1	F1	1.578(4)
C78	C79	1.415(7)	P1	F2	1.594(4)
C78	C81	1.500(7)	P1	F3	1.567(4)
C79	C80	1.360(8)	P1	F4	1.602(4)
C81	C82	1.408(7)	P1	F5	1.604(3)
C81	C86	1.383(7)	P1	F6	1.595(4)
C82	C83	1.378(7)	P2	F7	1.607(4)
C83	C84	1.373(7)	P2	F8	1.521(5)
C84	C85	1.392(7)	P2	F9	1.502(5)
C84	O3	1.376(6)	P2	F10	1.536(5)
C85	C86	1.373(7)	P2	F11	1.576(5)
C85	O10	1.91(3)	P2	F12	1.535(4)
O3	C87	1.438(7)	P3	F13	1.550(2)
C87	C88	1.500(8)	P3	F14	1.550(2)
C88	O4	1.399(6)	P3	F15	1.550(2)
O4	C89	1.396(7)	P3	F16	1.550(2)
C89	C90	1.489(9)	P3	F17	1.550(2)
C90	O5	1.440(7)	P3	F18	1.550(2)
O5	C91	1.410(7)	P3	F19	1.610(2)
C91	C92	1.47(1)	P3	F20	1.607(2)
C92	O6	1.406(8)	P3	F21	1.615(2)
O6	C93	1.449(9)	P3	F22	1.661(2)

Bond Distances (cont.)

Atom 1	Atom 2	Distance	Atom 1	Atom 2	Distance
F15	F19	1.1394	C107	C108	1.38(2)
F15	F20	1.0975	C109	C110	1.37(1)
F16	F21	1.1597	C109	C114	1.38(1)
F16	F22	1.4173	C110	C111	1.38(1)
F17	F19	1.2935	C111	C112	1.40(1)
F17	F21	1.2664	C112	C113	1.34(1)
F18	F20	1.3310	C113	C114	1.39(1)
F18	F22	1.0744	C115	C116	1.36(1)
C97	C98	1.48(1)	C115	C120	1.37(1)
C97	C102	1.28(1)	C116	C117	1.36(1)
C98	C99	1.38(1)	C117	C118	1.33(1)
C99	C100	1.36(2)	C118	C119	1.35(1)
C100	C101	1.48(2)	C119	C120	1.43(1)
C101	C102	1.41(1)	C121	C122	1.32(1)
C103	C104	1.36(1)	C121	C126	1.29(1)
C103	C108	1.41(1)	C122	C123	1.36(1)
C104	C105	1.30(1)	C123	C124	1.38(2)
C105	C106	1.36(2)	C124	C125	1.43(2)
C106	C107	1.48(2)	C125	C126	1.46(2)

Table of Bond Angles in Degrees

At 1	At 2	At 3	Angle	At 1	At 2	At 3	Angle
N1	RU	N2	78.9(2)	N1	C4	C7	114.3(5)
N1	RU	N3	158.4(2)	C5	C4	C7	126.1(6)
N1	RU	N6	91.7(2)	C4	C5	C6	119.5(6)
N1	RU	N7	100.6(2)	C2	C6	C5	122.9(6)
N1	RU	N8	90.5(2)	C4	C7	N2	112.5(5)
N2	RU	N3	79.5(2)	C4	C7	C11	128.7(6)
N2	RU	N6	97.4(2)	N2	C7	C11	118.8(6)
N2	RU	N7	176.4(2)	C7	N2	C8	120.9(5)
N2	RU	N8	103.9(2)	N2	C8	C9	119.5(6)
N3	RU	N6	92.2(2)	N2	C8	C12	113.1(5)
N3	RU	N7	101.1(2)	C9	C8	C12	127.4(6)
N3	RU	N8	93.6(2)	C8	C9	C10	120.4(7)
N6	RU	N7	79.1(2)	C9	C10	C11	119.5(6)
N6	RU	N8	158.6(2)	C7	C11	C10	120.9(7)
N7	RU	N8	79.6(2)	C8	C12	N3	114.5(5)
N4	AG	N5	73.3(1)	C8	C12	C16	124.9(5)
N4	AG	N9	126.0(1)	N3	C12	C16	120.6(5)
N4	AG	N10	135.7(1)	C12	N3	C13	118.2(5)
N5	AG	N9	130.2(1)	N3	C13	C14	123.9(5)
N5	AG	N10	130.6(1)	C13	C14	C15	116.2(5)
N9	AG	N10	71.3(1)	C13	C14	C17	119.0(5)
C1	C2	C3	121.0(6)	C15	C14	C17	124.8(5)
C1	C2	C6	124.1(6)	C14	C15	C16	120.3(6)
C3	C2	C6	114.9(7)	C12	C16	C15	120.8(5)
C2	C3	N1	125.4(6)	C14	C17	C18	117.4(5)
C3	N1	C4	117.7(5)	C17	C18	C19	111.2(6)
N1	C4	C5	119.6(6)	C18	C19	O1	110.4(6)

Bond Angles (cont.)

At 1	At 2	At 3	Angle	At 1	At 2	At 3	Angle
C19	O1	C20	118.6(5)	C34	C33	C37	117.7(5)
O1	C20	C21	125.2(6)	C33	C34	C35	120.0(5)
O1	C20	C25	115.5(5)	C34	C35	C36	120.0(5)
C21	C20	C25	119.3(5)	C35	C36	N5	121.9(5)
C20	C21	C22	121.1(5)	C35	C36	C38	120.0(4)
C21	C22	C23	119.7(5)	N5	C36	C38	118.1(4)
C22	C23	C24	118.7(5)	C36	N5	C37	119.0(4)
C22	C23	C26	120.9(5)	C30	C37	C33	119.0(5)
C24	C23	C26	120.4(5)	C30	C37	N5	119.7(4)
C23	C24	C25	120.6(5)	C33	C37	N5	121.3(5)
C20	C25	C24	120.6(5)	C36	C38	C39	121.3(4)
C23	C26	C27	119.7(5)	C36	C38	C43	121.7(4)
C23	C26	N4	118.1(4)	C39	C38	C43	117.0(5)
C27	C26	N4	122.2(5)	C38	C39	C40	122.7(5)
C26	C27	C28	119.8(5)	C39	C40	C41	119.3(5)
C27	C28	C29	119.3(5)	C40	C41	C42	118.5(5)
C28	C29	C30	117.7(5)	C40	C41	O2	124.4(5)
C28	C29	C31	121.7(5)	C42	C41	O2	117.1(5)
C30	C29	C31	120.6(5)	C41	C42	C43	121.1(5)
C29	C30	N4	122.7(5)	C38	C43	C42	121.3(5)
C29	C30	C37	118.7(5)	C41	O2	C44	118.6(4)
N4	C30	C37	118.6(5)	O2	C44	C45	105.0(4)
C26	N4	C30	118.1(4)	C44	C45	C46	112.4(4)
C29	C31	C32	121.4(5)	C45	C46	C47	115.3(5)
C31	C32	C33	120.6(5)	C46	C47	C48	123.9(5)
C32	C33	C34	122.7(5)	C46	C47	C51	119.5(5)
C32	C33	C37	119.6(5)	C48	C47	C51	116.5(5)

Bond Angles (cont.)

At 1	At 2	At 3	Angle	At 1	At 2	At 3	Angle
C47	C48	C49	119.9(5)	C64	C63	C68	120.7(6)
C48	C49	C50	121.4(5)	C64	C63	O8	116.7(6)
C49	C50	N6	118.7(5)	C68	C63	O8	122.6(6)
C49	C50	C52	125.4(5)	C63	C64	C65	120.4(6)
N6	C50	C52	116.0(4)	C64	C65	C66	120.5(6)
C50	N6	C51	118.5(4)	C65	C66	C67	117.7(6)
C47	C51	N6	124.9(5)	C65	C66	C69	119.9(5)
C50	C52	C53	126.4(5)	C67	C66	C69	122.3(5)
C50	C52	N7	112.2(4)	C66	C67	C68	121.4(5)
C53	C52	N7	121.5(5)	C63	C68	C67	119.0(6)
C52	C53	C54	116.9(6)	C66	C69	C70	120.9(5)
C53	C54	C55	123.5(6)	C66	C69	N9	117.1(5)
C54	C55	C56	115.9(6)	C70	C69	N9	121.9(5)
C55	C56	N7	120.4(5)	C69	C70	C71	119.8(6)
C55	C56	C57	125.8(6)	C70	C71	C72	119.7(5)
N7	C56	C57	113.8(5)	C71	C72	C73	117.3(5)
C52	N7	C56	121.8(5)	C71	C72	C74	123.6(5)
C56	C57	C58	124.8(5)	C73	C72	C74	119.1(5)
C56	C57	N8	114.2(5)	C72	C73	N9	122.1(5)
C58	C57	N8	121.0(5)	C72	C73	C77	118.9(5)
C57	C58	C59	120.2(5)	N9	C73	C77	118.8(4)
C58	C59	C60	120.3(5)	C69	N9	C73	119.0(4)
C59	C60	C61	116.0(5)	C72	C74	C75	121.8(5)
C59	C60	C62	122.9(5)	C74	C75	C76	121.0(6)
C61	C60	C62	121.0(5)	C75	C76	C77	119.6(5)
C60	C61	N8	124.6(5)	C75	C76	C80	123.5(5)
C57	N8	C61	117.8(4)	C77	C76	C80	116.8(5)

Bond Angles (cont.)

At 1	At 2	At 3	Angle	At 1	At 2	At 3	Angle
C73	C77	C76	119.0(5)	C90	O5	C91	111.8(5)
C73	C77	N10	119.3(4)	O5	C91	C92	111.5(5)
C76	C77	N10	121.7(5)	C91	C92	O6	111.9(6)
C77	N10	C78	120.1(4)	C92	O6	C93	112.5(6)
N10	C78	C79	122.0(5)	O6	C93	C94	110.5(8)
N10	C78	C81	117.2(4)	C93	C94	O7	108.8(7)
C79	C78	C81	120.8(5)	C94	O7	C95	111.0(9)
C78	C79	C80	119.2(5)	O7	C95	C96	103(1)
C76	C80	C79	119.9(5)	C95	C96	O8	95(1)
C78	C81	C82	117.4(4)	C63	O8	C96	122.7(8)
C78	C81	C86	124.2(5)	F1	P1	F2	90.8(2)
C82	C81	C86	118.3(5)	F1	P1	F3	90.9(2)
C81	C82	C83	121.2(5)	F1	P1	F4	88.3(2)
C82	C83	C84	119.3(5)	F1	P1	F5	90.5(2)
C83	C84	C85	120.5(5)	F1	P1	F6	177.8(3)
C83	C84	O3	124.1(5)	F2	P1	F3	91.3(2)
C85	C84	O3	115.4(5)	F2	P1	F4	89.7(2)
C84	C85	C86	120.1(5)	F2	P1	F5	178.4(2)
C84	C85	O10	1331(1)	F2	P1	F6	90.2(2)
C86	C85	O10	106.(1)	F3	P1	F4	178.7(2)
C81	C86	C85	120.7(5)	F3	P1	F5	89.6(2)
C84	O3	C87	118.1(4)	F3	P1	F6	91.0(2)
O3	C87	C88	114.5(4)	F4	P1	F5	89.4(2)
C87	C88	O4	108.3(4)	F4	P1	F6	89.8(2)
C88	O4	C89	114.9(4)	F5	P1	F6	88.5(2)
O4	C89	C90	116.5(5)	F7	P2	F8	89.0(3)
C89	C90	O5	112.1(5)	F7	P2	F9	87.1(3)

Bond Angles (cont.)

At 1	At 2	At 3	Angle	At 1	At 2	At 3	Angle
F7	P2	F10	90.3(3)	F14	P3	F20	95.17(9)
F7	P2	F11	85.5(3)	F14	P3	F21	91.57(9)
F7	P2	F12	179.2(3)	F14	P3	F22	98.08(9)
F8	P2	F9	98.9(5)	F15	P3	F16	180.00
F8	P2	F10	86.8(4)	F15	P3	F17	90.00(9)
F8	P2	F11	172.0(4)	F15	P3	F18	90.00(9)
F8	P2	F12	90.8(3)	F15	P3	F19	42.21(4)
F9	P2	F10	173.7(4)	F15	P3	F20	40.64(4)
F9	P2	F11	86.6(4)	F15	P3	F21	137.1(1)
F9	P2	F12	92.2(3)	F15	P3	F22	127.7(1)
F10	P2	F11	87.4(4)	F16	P3	F17	90.00(9)
F10	P2	F12	90.4(3)	F16	P3	F18	90.00(9)
F11	P2	F12	94.7(3)	F16	P3	F19	137.8(1)
F13	P3	F14	180.00	F16	P3	F20	139.4(1)
F13	P3	F15	90.00(8)	F16	P3	F21	42.93(4)
F13	P3	F16	90.00(9)	F16	P3	F22	52.25(5)
F13	P3	F17	90.00(9)	F17	P3	F18	180.00
F13	P3	F18	90.00(9)	F17	P3	F19	48.27(6)
F13	P3	F19	95.26(9)	F17	P3	F20	130.2(1)
F13	P3	F20	84.83(8)	F17	P3	F21	47.12(5)
F13	P3	F21	88.43(9)	F17	P3	F22	141.1(1)
F13	P3	F22	81.92(8)	F18	P3	F19	131.7(1)
F14	P3	F15	90.00(9)	F18	P3	F20	49.83(6)
F14	P3	F16	90.00(8)	F18	P3	F21	132.9(1)
F14	P3	F17	90.00(9)	F18	P3	F22	38.91(5)
F14	P3	F18	90.00(9)	F19	P3	F20	82.85(8)
F14	P3	F19	84.74(9)	F19	P3	F21	95.3(1)

Bond Angles (cont.)

At 1	At 2	At 3	Angle
F19	P3	F22	169.8(1)
F20	P3	F21	172.8(1)
F20	P3	F22	87.13(9)
F21	P3	F22	94.44(8)
P3	F15	F19	71.73(7)
P3	F15	F20	72.46(7)
F19	F15	F20	144.19
P3	F16	F21	71.53(7)
P3	F16	F22	67.89(7)
F21	F16	F22	137.61
P3	F17	F19	68.30(6)
P3	F17	F21	69.14(6)
F19	F17	F21	137.18
P3	F18	F20	67.30(6)
P3	F18	F22	76.12(6)
F20	F18	F22	138.64
P3	F19	F15	66.06(6)
P3	F19	F17	63.42(6)
F15	F19	F17	128.47
P3	F20	F15	66.90(6)
P3	F20	F18	62.86(6)
F15	F20	F18	128.76
P3	F21	F16	65.54(6)
P3	F21	F17	63.74(6)
F16	F21	F17	129.19
P3	F22	F16	59.85(6)
P3	F22	F18	64.97(6)

At 1	At 2	At 3	Angle
F16	F22	F18	122.62
C98	C97	C102	131(1)
C97	C98	C99	105(1)
C98	C99	C100	126(1)
C99	C100	C101	125(1)
C100	C101	C102	107(1)
C97	C102	C101	123(1)
C104	C103	C108	116(1)
C103	C104	C105	122(1)
C104	C105	C106	125(1)
C105	C106	C107	115(1)
C106	C107	C108	116(1)
C103	C108	C107	122(1)
C110	C109	C114	120.8(8)
C109	C110	C111	119.2(7)
C110	C111	C112	119.5(8)
C111	C112	C113	121.2(8)
C112	C113	C114	119.4(7)
C109	C114	C113	119.9(8)
C116	C115	C120	120(1)
C115	C116	C117	121.3(9)
C116	C117	C118	121.4(8)
C117	C118	C119	118.3(8)
C118	C119	C120	122.9(9)
C115	C120	C119	1151(1)
C122	C121	C126	125(1)
C121	C122	C123	117(1)

Bond Angles (cont.)

At 1	At 2	At 3	Angle	At 1	At 2	At 3	Angle
C122	C123	C124	120(1)	C124	C125	C126	111(1)
C123	C124	C125	121(1)	C121	C126	C125	122(1)