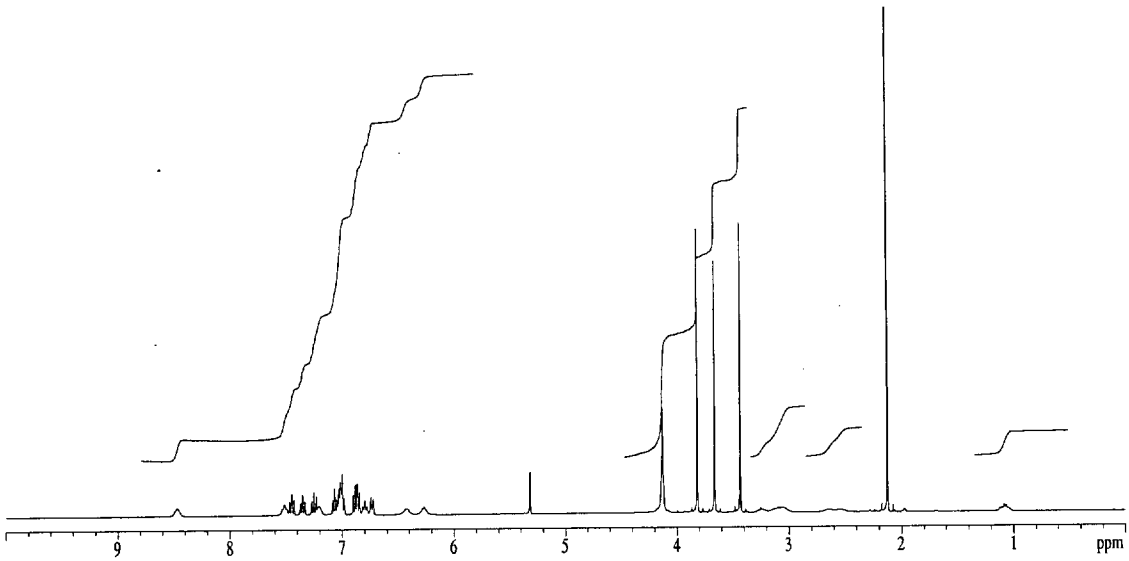
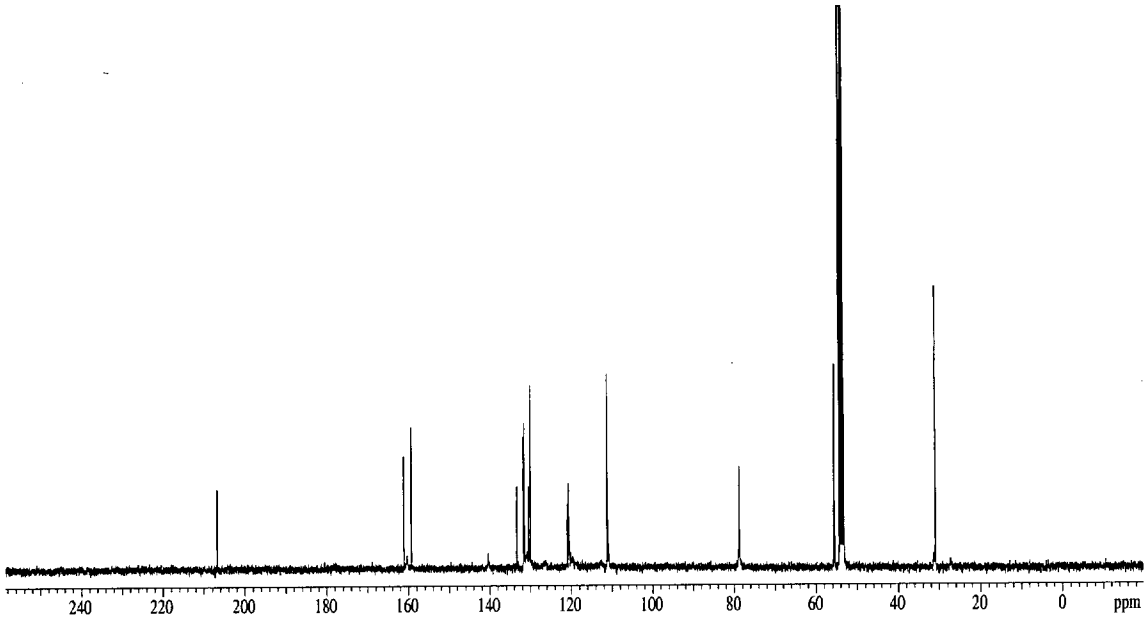
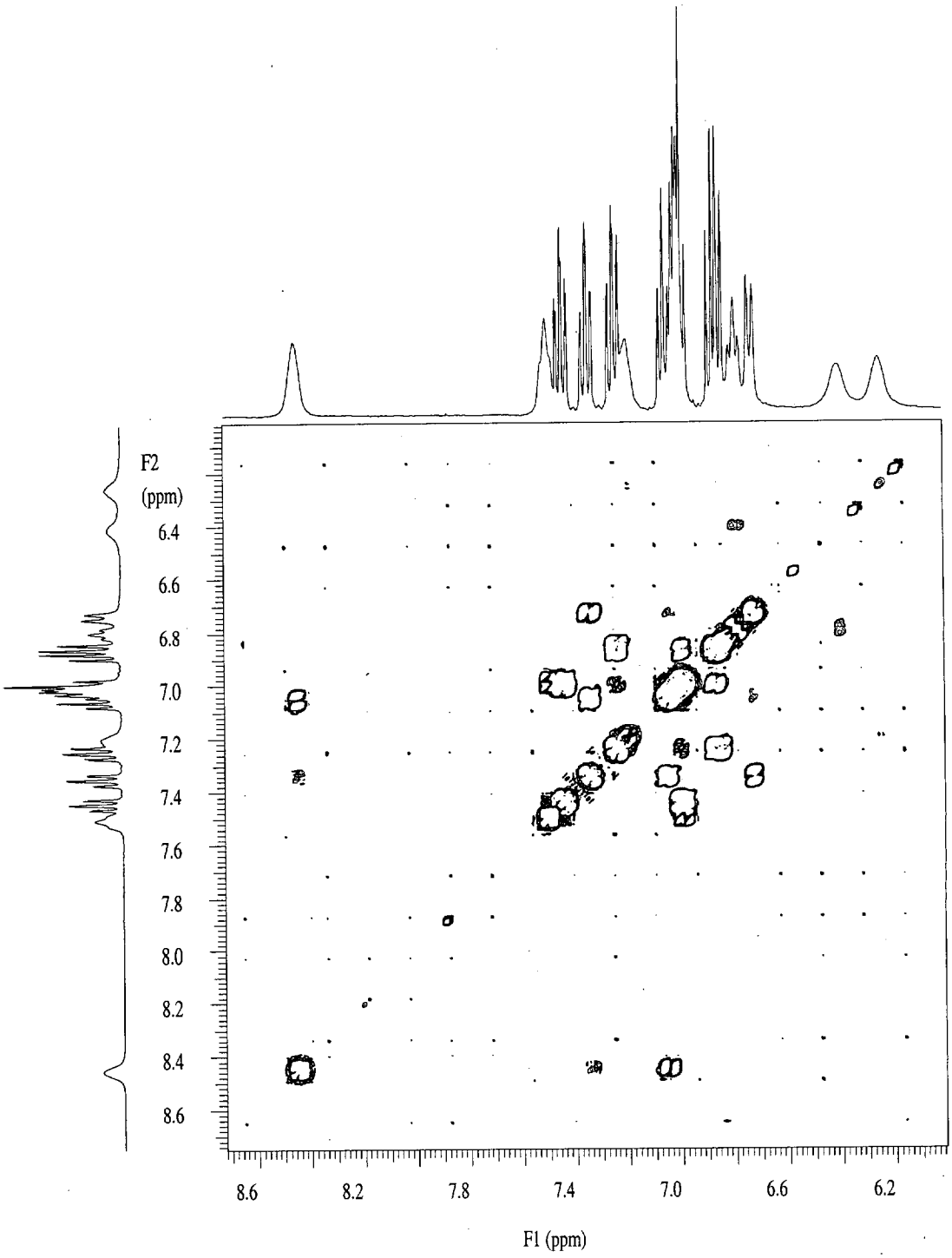


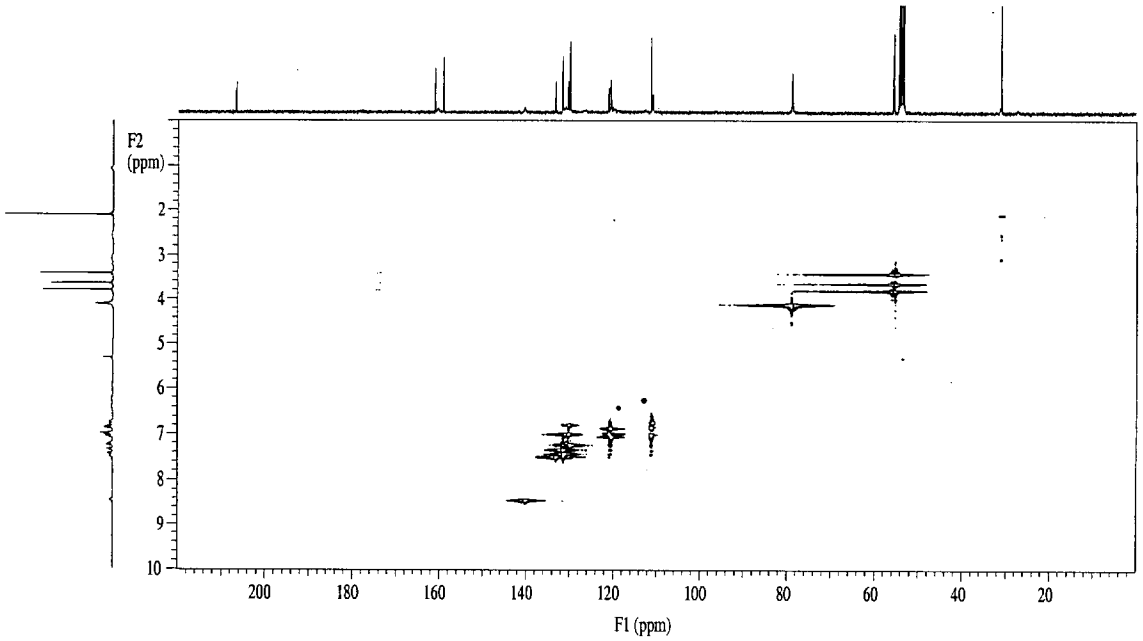
Room-temperature ^{1}H NMR spectrum of **3** in CD_2Cl_2 with integrals. See article experimental section for assignments.



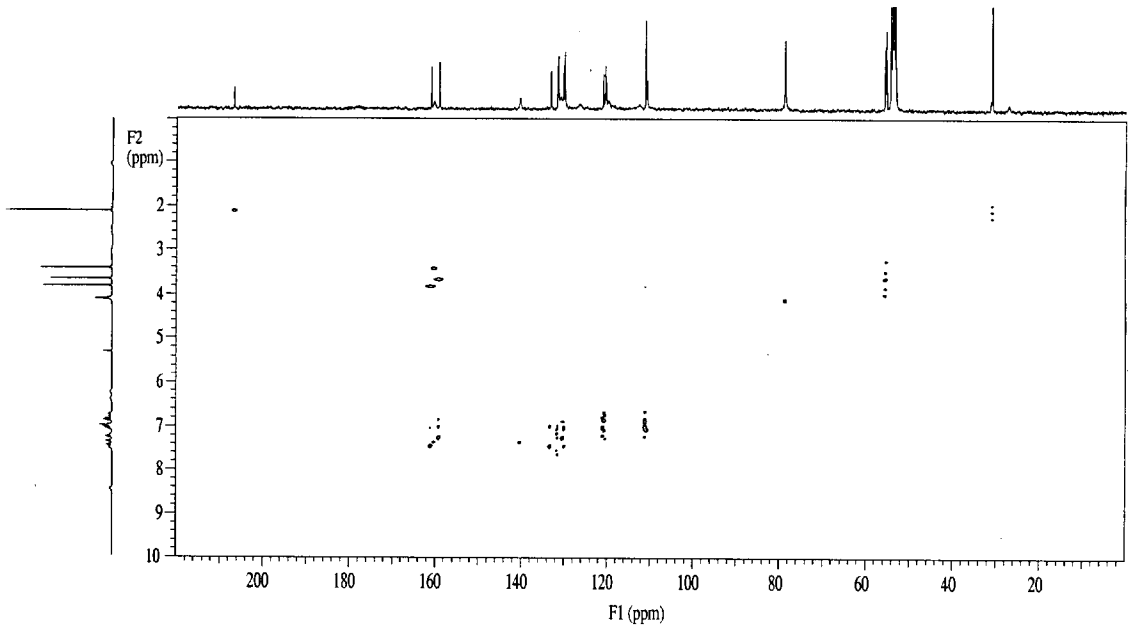
Room-temperature ^{13}C NMR spectrum of **3** in CD_2Cl_2. See article experimental section for assignments.



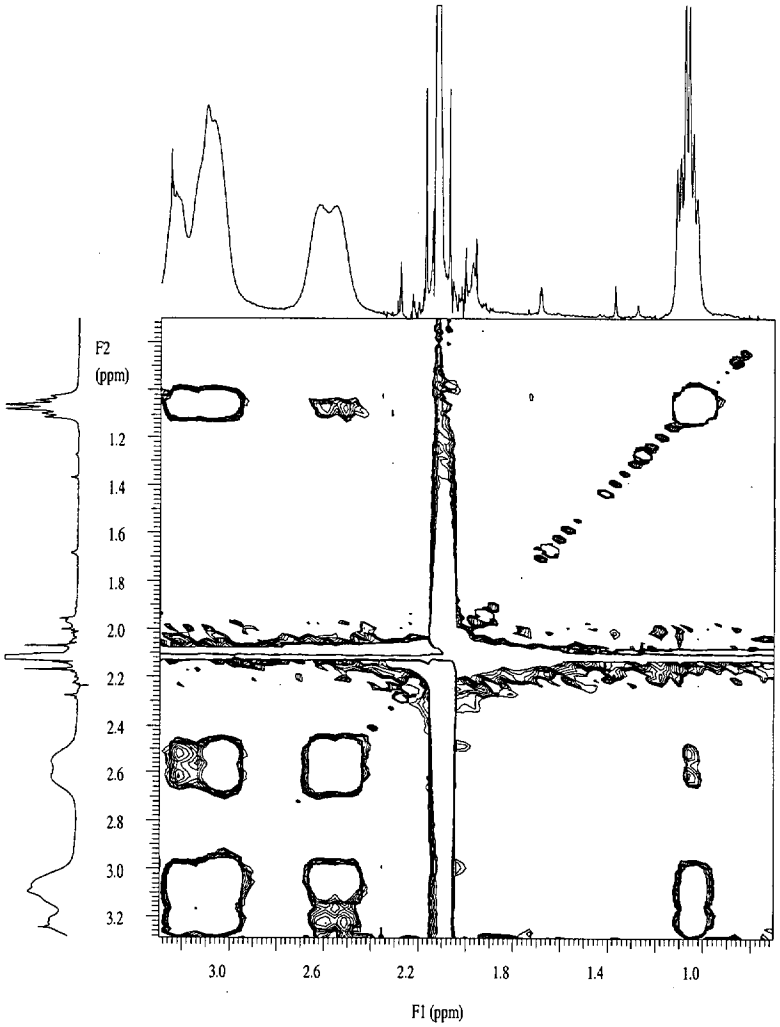
Aromatic region of the room-temperature ^{1}H–^{1}H COSY spectrum of **3** in CD_2Cl_2. The COSY spectrum is used to assign four sets of four protons of the aromatic rings. Note that in this spectrum some of the peaks are broader due to slight oxidation of **3**.



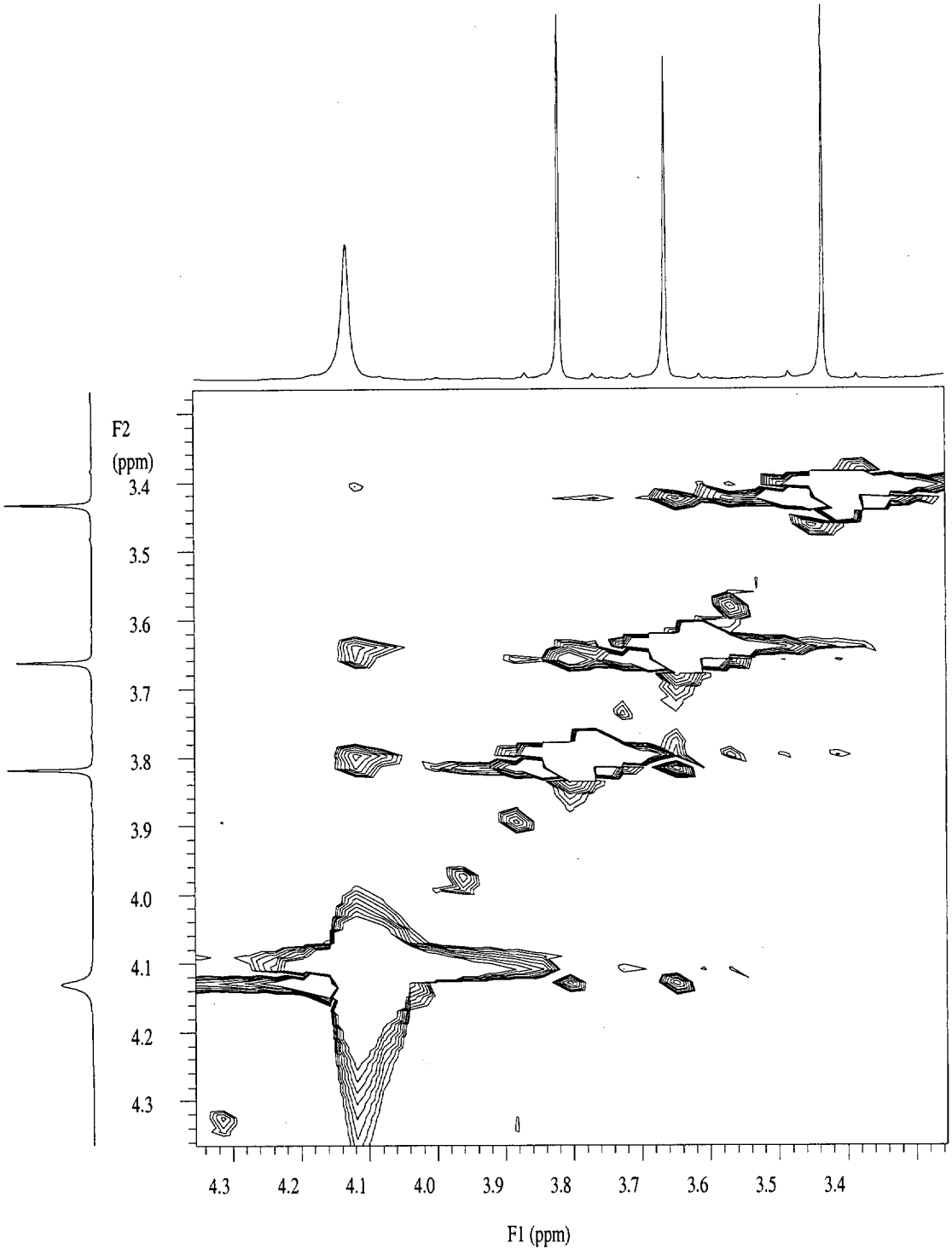
Room-temperature Pulsed-Field Gradient (PFG) hetronuclear single quantum coherence spectrum (GHSQC) of **3** in CD_2Cl_2. Used to make sets of carbons and their corresponding proton(s).



Room-temperature PFG hetronuclear multiple quantum coherence (HMQC) spectrum of **3** in CD_2Cl_2. Used to definitively assign sets of aromatic rings and the corresponding methoxy groups.



Region of the room-temperature NOESY spectrum of **3** showing the bridge protons. The lack of interaction evidences the two axial protons. The broad cross of signals in the center is due to instrumental noise at the acetone peak.



Region of the room-temperature NOESY spectrum of **3** showing the methoxy signals and the Cp ring. Note the virtual absence of interaction of one methoxy group with the Cp ring.

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Table S1 - Crystal Data and Details of the Structure Determination for: 3

Crystal Data			
Formula	C34 H34 O4 P2 Ru . (1/2) C6 H6		
Formula Weight			712.75
Crystal System			Triclinic
Space group		P-1	(No. 2)
a, b, c [Angstrom]	9.0341(12)	11.7501(12)	17.361(2)
alpha, beta, gamma [deg]	71.257(10)	80.242(10)	72.942(10)
V [Ang**3]			1662.6(4)
Z			2
D(calc) [g/cm**3]			1.424
Mu(MoKa) [/mm]			0.599
F(000)			738
Crystal Size [mm]		0.10 x 0.15 x	0.20
Data Collection			
Temperature (K)			150
Radiation [Angstrom]	MoKa (Graphite monochromator)		0.71073
Theta Min-Max [Deg]			1.9, 27.5
Dataset		-11: 11 ; -13: 15 ; -22: 22	
Tot., Uniq. Data, R(int)		27891, 7558,	0.070
SQUEEZE volume, electron count [Angstrom**3, e]		221,	43
Refinement			
Npar			373
wR2, R1, S	0.0913, 0.0383 [for 6014 F > 4 sigma(F)], 1.048		
w	[sigma**2(F)+(0.0424P)**2]**-1, P=(Max(Fo**2,0)+2Fc**2)/3		
Max. and Av. Shift/Error			0.001, <0.001
Min. and Max. resd. dens. [e/Ang^3]			-0.79, 0.52

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Table S2 - Final Coordinates and Equivalent Isotropic Displacement Parameters of the non-Hydrogen atoms for: 3

Atom	x	y	z	U(eq) [Ang^2]
Ru1	0.87906(2)	0.25970(2)	0.25529(1)	0.0273(1)
P2	0.74808(7)	0.21033(5)	0.17738(4)	0.0244(2)
P5	0.64860(7)	0.27759(5)	0.33424(4)	0.0240(2)
O17	0.6518(2)	0.46193(15)	0.06771(11)	0.0424(6)
O27	0.94735(18)	0.06439(14)	0.30565(10)	0.0325(5)
O37	0.37162(19)	0.23068(15)	0.45558(10)	0.0357(6)
O47	0.7140(2)	0.42242(15)	0.43108(12)	0.0433(7)
C3	0.5364(3)	0.2541(2)	0.20066(14)	0.0266(7)
C4	0.5087(3)	0.2297(2)	0.29306(14)	0.0257(7)
C11	0.7824(3)	0.2579(2)	0.06627(14)	0.0298(8)
C12	0.7364(3)	0.3847(2)	0.02256(15)	0.0339(8)
C13	0.7778(3)	0.4245(3)	-0.06094(17)	0.0435(9)
C14	0.8643(4)	0.3394(3)	-0.10065(17)	0.0524(11)
C15	0.9094(4)	0.2149(3)	-0.05976(18)	0.0533(11)
C16	0.8681(3)	0.1756(2)	0.02348(16)	0.0415(9)
C18	0.6315(4)	0.5939(2)	0.0323(2)	0.0536(10)
C21	0.7978(3)	0.0427(2)	0.21227(14)	0.0272(7)
C22	0.9008(3)	-0.0064(2)	0.27468(15)	0.0302(7)
C23	0.9517(3)	-0.1377(2)	0.30470(16)	0.0371(8)
C24	0.8950(3)	-0.2128(2)	0.27703(17)	0.0415(9)
C25	0.7866(3)	-0.1634(2)	0.21935(17)	0.0424(10)
C26	0.7400(3)	-0.0358(2)	0.18675(15)	0.0344(8)
C31	0.6443(3)	0.18561(19)	0.44198(14)	0.0275(7)
C32	0.5087(3)	0.1704(2)	0.49168(14)	0.0308(8)
C33	0.5143(3)	0.0999(2)	0.57285(15)	0.0379(9)
C34	0.6572(4)	0.0467(2)	0.60540(17)	0.0444(9)

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Table S2 - Final Coordinates and Equivalent Isotropic Displacement Parameters of the non-Hydrogen atoms (continued)
for: 3

Atom	x	y	z	U(eq) [Ang^2]
C35	0.7929(4)	0.0616(2)	0.55829(17)	0.0426(10)
C36	0.7863(3)	0.1305(2)	0.47667(16)	0.0351(8)
C38	0.2317(3)	0.2063(3)	0.50121(17)	0.0453(9)
C41	0.5476(3)	0.4367(2)	0.33613(15)	0.0308(7)
C42	0.5969(3)	0.4951(2)	0.38259(16)	0.0374(9)
C43	0.5283(4)	0.6185(2)	0.37826(19)	0.0498(11)
C44	0.4098(4)	0.6852(3)	0.3281(2)	0.0625(11)
C45	0.3593(4)	0.6314(3)	0.2825(2)	0.0609(11)
C46	0.4277(3)	0.5070(2)	0.28657(17)	0.0438(9)
C48	0.7743(4)	0.4779(3)	0.4772(2)	0.0546(11)
C51	1.1063(3)	0.2854(3)	0.2704(2)	0.0542(10)
C52	0.9921(4)	0.3744(3)	0.2951(2)	0.0553(12)
C53	0.9039(3)	0.4467(3)	0.2289(2)	0.0537(13)
C54	0.9673(4)	0.4022(3)	0.1622(2)	0.0578(11)
C55	1.0959(3)	0.2996(3)	0.1875(2)	0.0571(11)

U(eq) = 1/3 of the trace of the orthogonalized U Tensor

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Table S3 - Hydrogen Atom Positions and Isotropic Displacement Parameters
for: 3

Atom	x	y	z	U(iso) [Ang^2]
H3A	0.49360	0.34120	0.17320	0.0320
H3B	0.48760	0.20450	0.18290	0.0320
H4A	0.51740	0.14170	0.31860	0.0310
H4B	0.40410	0.27470	0.30660	0.0310
H13	0.74700	0.50830	-0.08960	0.0520
H14	0.89290	0.36650	-0.15620	0.0630
H15	0.96660	0.15790	-0.08740	0.0640
H16	0.89890	0.09150	0.05120	0.0500
H18A	0.73140	0.61160	0.01700	0.0800
H18B	0.57510	0.63630	0.07150	0.0800
H18C	0.57460	0.62180	-0.01520	0.0800
H23	1.02420	-0.17350	0.34350	0.0450
H24	0.93010	-0.29860	0.29750	0.0500
H25	0.74600	-0.21520	0.20290	0.0510
H26	0.66900	-0.00180	0.14720	0.0410
H33	0.42340	0.08840	0.60500	0.0450
H34	0.66150	0.00020	0.66000	0.0530
H35	0.88800	0.02600	0.58090	0.0510
H36	0.87790	0.14000	0.44460	0.0420
H38A	0.24000	0.11870	0.51710	0.0680
H38B	0.14580	1/4	0.46820	0.0680
H38C	0.21490	0.23400	0.54910	0.0680
H43	0.56190	0.65650	0.40910	0.0590
H44	0.36380	0.76810	0.32540	0.0750
H45	0.27950	0.67730	0.24880	0.0730
H46	0.39240	0.47040	0.25550	0.0530

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Table S3 - Hydrogen Atom Positions and Isotropic Displacement Parameters (continued)
for: 3

Atom	x	y	z	U(iso) [Ang^2]
H48A	0.82220	0.54020	0.44050	0.0820
H48B	0.85000	0.41520	0.51120	0.0820
H48C	0.69100	0.51560	0.51070	0.0820
H51	1.18000	0.22450	0.30310	0.0650
H52	0.97540	0.38540	0.34690	0.0670
H53	0.81750	0.51320	0.22950	0.0640
H54	0.93170	0.43410	0.11030	0.0690
H55	1.16050	0.25130	0.15570	0.0690

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The Temperature Factor has the Form of Exp(-T) Where
T = 8*(Pi**2)*U*(Sin(Theta)/Lambda)**2 for Isotropic Atoms

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Table S4 - (An)isotropic Displacement Parameters
for: 3

Atom	U(1,1) or U	U(2,2)	U(3,3)	U(2,3)	U(1,3)	U(1,2)
Ru1	0.0203(1)	0.0273(1)	0.0338(1)	-0.0045(1)	-0.0037(1)	-0.0095(1)
P2	0.0206(3)	0.0250(3)	0.0259(3)	-0.0047(2)	-0.0004(2)	-0.0069(2)
P5	0.0234(3)	0.0211(3)	0.0282(3)	-0.0056(2)	-0.0039(3)	-0.0074(2)
O17	0.0417(11)	0.0310(9)	0.0424(11)	0.0023(8)	0.0020(9)	-0.0087(8)
O27	0.0283(9)	0.0301(8)	0.0380(10)	-0.0080(7)	-0.0101(8)	-0.0039(7)
O37	0.0315(10)	0.0436(10)	0.0287(10)	-0.0071(7)	0.0050(8)	-0.0124(8)
O47	0.0484(12)	0.0384(10)	0.0535(12)	-0.0218(9)	-0.0121(9)	-0.0129(8)
C3	0.0201(12)	0.0301(12)	0.0280(13)	-0.0053(10)	-0.0035(10)	-0.0068(9)
C4	0.0206(12)	0.0261(11)	0.0302(13)	-0.0052(10)	-0.0015(10)	-0.0091(9)
C11	0.0250(13)	0.0359(13)	0.0269(13)	-0.0024(10)	-0.0005(10)	-0.0138(10)
C12	0.0290(13)	0.0384(14)	0.0323(15)	-0.0035(11)	-0.0021(11)	-0.0134(11)
C13	0.0425(16)	0.0485(16)	0.0356(16)	0.0049(13)	-0.0056(13)	-0.0234(13)
C14	0.061(2)	0.074(2)	0.0274(15)	-0.0082(15)	0.0080(14)	-0.0387(17)
C15	0.065(2)	0.0613(19)	0.0381(17)	-0.0202(14)	0.0174(15)	-0.0287(16)
C16	0.0432(16)	0.0424(15)	0.0365(16)	-0.0100(12)	0.0072(13)	-0.0148(12)
C18	0.0507(19)	0.0307(14)	0.066(2)	0.0052(13)	-0.0062(16)	-0.0107(13)
C21	0.0250(12)	0.0275(12)	0.0262(13)	-0.0061(10)	0.0049(10)	-0.0083(9)
C22	0.0236(12)	0.0323(12)	0.0289(13)	-0.0065(10)	0.0068(10)	-0.0063(10)
C23	0.0363(15)	0.0320(13)	0.0325(15)	-0.0021(11)	0.0016(12)	-0.0035(11)
C24	0.0513(18)	0.0279(13)	0.0386(16)	-0.0084(11)	0.0102(13)	-0.0091(12)
C25	0.0575(19)	0.0338(14)	0.0411(16)	-0.0141(12)	0.0079(14)	-0.0223(13)
C26	0.0378(15)	0.0370(14)	0.0302(14)	-0.0105(11)	0.0034(11)	-0.0147(11)
C31	0.0347(14)	0.0239(11)	0.0256(13)	-0.0076(9)	-0.0047(11)	-0.0082(10)
C32	0.0432(15)	0.0244(12)	0.0266(13)	-0.0086(10)	-0.0042(11)	-0.0094(10)
C33	0.0580(18)	0.0282(13)	0.0303(14)	-0.0076(11)	-0.0008(13)	-0.0178(12)
C34	0.074(2)	0.0294(13)	0.0315(15)	-0.0054(11)	-0.0155(15)	-0.0131(13)

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Table S4 - (An)isotropic Displacement Parameters (continued)
for: 3

Atom	U(1,1) or U	U(2,2)	U(3,3)	U(2,3)	U(1,3)	U(1,2)
C35	0.0586(19)	0.0319(14)	0.0398(16)	-0.0089(12)	-0.0240(15)	-0.0059(13)
C36	0.0421(15)	0.0281(12)	0.0374(15)	-0.0093(11)	-0.0131(12)	-0.0072(11)
C38	0.0399(16)	0.0578(17)	0.0391(16)	-0.0144(13)	0.0088(13)	-0.0202(13)
C41	0.0318(13)	0.0231(11)	0.0363(14)	-0.0075(10)	-0.0010(11)	-0.0075(10)
C42	0.0408(16)	0.0319(13)	0.0415(16)	-0.0126(12)	0.0017(13)	-0.0129(11)
C43	0.062(2)	0.0349(15)	0.059(2)	-0.0216(13)	-0.0036(16)	-0.0141(14)
C44	0.079(2)	0.0293(15)	0.078(2)	-0.0240(15)	-0.010(2)	-0.0009(15)
C45	0.069(2)	0.0367(16)	0.067(2)	-0.0146(15)	-0.0243(18)	0.0112(15)
C46	0.0491(17)	0.0313(14)	0.0471(17)	-0.0121(12)	-0.0103(14)	0.0000(12)
C48	0.058(2)	0.0618(19)	0.065(2)	-0.0344(16)	-0.0066(16)	-0.0280(16)
C51	0.0309(16)	0.0553(18)	0.075(2)	0.0051(16)	-0.0207(16)	-0.0262(14)
C52	0.052(2)	0.067(2)	0.065(2)	-0.0215(17)	0.0003(17)	-0.0423(17)
C53	0.0362(17)	0.0368(15)	0.088(3)	-0.0108(16)	0.0020(17)	-0.0213(13)
C54	0.059(2)	0.0626(19)	0.054(2)	0.0170(16)	-0.0173(17)	-0.0492(17)
C55	0.0337(17)	0.065(2)	0.076(2)	-0.0214(17)	0.0201(16)	-0.0302(15)

==========

The Temperature Factor has the Form of Exp(-T) Where
T = 8*(Pi**2)*U*(Sin(Theta)/Lambda)**2 for Isotropic Atoms
T = 2*(Pi**2)*Sumij(h(i)*h(j)*U(i,j)*Astar(i)*Astar(j)), for Anisotropic Atoms. Astar(i) are Reciprocal Axial Lengths and h(i) are the Reflection Indices.

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Table S5 - Bond Distances (Angstrom)
for: 3

Ru1	-P2	2.2396(7)	C21	-C22	1.413(4)
Ru1	-P5	2.2844(7)	C21	-C26	1.394(4)
Ru1	-O27	2.1153(17)	C22	-C23	1.418(3)
Ru1	-C51	2.230(3)	C23	-C24	1.376(4)
Ru1	-C52	2.232(4)	C24	-C25	1.387(4)
Ru1	-C53	2.167(3)	C25	-C26	1.382(3)
Ru1	-C54	2.158(3)	C31	-C32	1.396(4)
Ru1	-C55	2.201(3)	C31	-C36	1.397(4)
P2	-C3	1.838(3)	C32	-C33	1.387(3)
P2	-C11	1.826(2)	C33	-C34	1.387(4)
P2	-C21	1.804(2)	C34	-C35	1.377(5)
P5	-C4	1.846(3)	C35	-C36	1.389(4)
P5	-C31	1.836(2)	C41	-C42	1.406(4)
P5	-C41	1.832(2)	C41	-C46	1.389(4)
O17	-C12	1.367(3)	C42	-C43	1.382(3)
O17	-C18	1.440(3)	C43	-C44	1.380(5)
O27	-C22	1.314(3)	C44	-C45	1.359(5)
O37	-C32	1.375(3)	C45	-C46	1.394(4)
O37	-C38	1.426(3)	C51	-C52	1.359(5)
O47	-C42	1.366(3)	C51	-C55	1.411(5)
O47	-C48	1.433(4)	C52	-C53	1.401(5)
C3	-C4	1.526(3)	C53	-C54	1.390(5)
C11	-C12	1.409(3)	C54	-C55	1.417(5)
C11	-C16	1.383(3)	C3	-H3A	0.9700
C12	-C13	1.394(4)	C3	-H3B	0.9703
C13	-C14	1.374(5)	C4	-H4A	0.9703
C14	-C15	1.375(5)	C4	-H4B	0.9691
C15	-C16	1.389(4)	C13	-H13	0.9305

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Table S5 - Bond Distances (Angstrom) (continued)
for: 3

C14	-H14	0.9299	C38	-H38B	0.9603
C15	-H15	0.9302	C38	-H38C	0.9604
C16	-H16	0.9295	C43	-H43	0.9308
C18	-H18A	0.9600	C44	-H44	0.9293
C18	-H18B	0.9604	C45	-H45	0.9300
C18	-H18C	0.9606	C46	-H46	0.9303
C23	-H23	0.9303	C48	-H48A	0.9601
C24	-H24	0.9293	C48	-H48B	0.9595
C25	-H25	0.9299	C48	-H48C	0.9604
C26	-H26	0.9301	C51	-H51	0.9302
C33	-H33	0.9303	C52	-H52	0.9303
C34	-H34	0.9305	C53	-H53	0.9298
C35	-H35	0.9301	C54	-H54	0.9307
C36	-H36	0.9302	C55	-H55	0.9302
C38	-H38A	0.9594			

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Table S6 - Bond Angles (Degrees)
for: 3

P2	-Ru1	-P5	82.99(3)	Ru1	-P2	-C3	113.22(8)
P2	-Ru1	-O27	82.38(5)	Ru1	-P2	-C11	120.95(9)
P2	-Ru1	-C51	145.53(9)	Ru1	-P2	-C21	103.13(9)
P2	-Ru1	-C52	158.59(9)	C3	-P2	-C11	106.46(12)
P2	-Ru1	-C53	121.70(9)	C3	-P2	-C21	103.53(12)
P2	-Ru1	-C54	98.69(10)	C11	-P2	-C21	108.05(11)
P2	-Ru1	-C55	110.07(9)	Ru1	-P5	-C4	110.28(8)
P5	-Ru1	-O27	92.92(5)	Ru1	-P5	-C31	119.37(9)
P5	-Ru1	-C51	131.48(9)	Ru1	-P5	-C41	114.59(9)
P5	-Ru1	-C52	101.56(9)	C4	-P5	-C31	102.94(12)
P5	-Ru1	-C53	99.43(9)	C4	-P5	-C41	103.62(12)
P5	-Ru1	-C54	129.15(10)	C31	-P5	-C41	104.34(11)
P5	-Ru1	-C55	161.24(9)	C12	-O17	-C18	118.4(2)
O27	-Ru1	-C51	93.66(10)	Ru1	-O27	-C22	119.20(15)
O27	-Ru1	-C52	117.90(10)	C32	-O37	-C38	117.8(2)
O27	-Ru1	-C53	153.94(9)	C42	-O47	-C48	118.6(2)
O27	-Ru1	-C54	137.88(11)	P2	-C3	-C4	106.43(18)
O27	-Ru1	-C55	101.94(10)	P5	-C4	-C3	112.09(19)
C51	-Ru1	-C52	35.47(13)	P2	-C11	-C12	119.61(18)
C51	-Ru1	-C53	61.05(12)	P2	-C11	-C16	122.17(18)
C51	-Ru1	-C54	62.06(13)	C12	-C11	-C16	117.8(2)
C51	-Ru1	-C55	37.13(12)	O17	-C12	-C11	115.4(2)
C52	-Ru1	-C53	37.11(12)	O17	-C12	-C13	124.2(2)
C52	-Ru1	-C54	62.08(13)	C11	-C12	-C13	120.4(2)
C52	-Ru1	-C55	61.37(13)	C12	-C13	-C14	119.7(3)
C53	-Ru1	-C54	37.48(13)	C13	-C14	-C15	121.2(3)
C53	-Ru1	-C55	62.46(12)	C14	-C15	-C16	118.9(3)
C54	-Ru1	-C55	37.91(13)	C11	-C16	-C15	121.9(2)

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Table S6 - Bond Angles (Degrees) (continued)
for: 3

P2	-C21	-C22	112.53(18)	C44	-C45	-C46	119.6(3)
P2	-C21	-C26	126.8(2)	C41	-C46	-C45	121.2(3)
C22	-C21	-C26	120.6(2)	Ru1	-C51	-C52	72.4(2)
O27	-C22	-C21	122.6(2)	Ru1	-C51	-C55	70.34(17)
O27	-C22	-C23	120.1(2)	C52	-C51	-C55	109.5(3)
C21	-C22	-C23	117.2(2)	Ru1	-C52	-C51	72.2(2)
C22	-C23	-C24	120.7(2)	Ru1	-C52	-C53	68.9(2)
C23	-C24	-C25	121.5(2)	C51	-C52	-C53	108.0(3)
C24	-C25	-C26	118.8(2)	Ru1	-C53	-C52	74.0(2)
C21	-C26	-C25	121.0(2)	Ru1	-C53	-C54	70.9(2)
P5	-C31	-C32	124.3(2)	C52	-C53	-C54	108.5(3)
P5	-C31	-C36	117.4(2)	Ru1	-C54	-C53	71.6(2)
C32	-C31	-C36	118.2(2)	Ru1	-C54	-C55	72.68(19)
O37	-C32	-C31	116.0(2)	C53	-C54	-C55	107.6(3)
O37	-C32	-C33	122.9(2)	Ru1	-C55	-C51	72.54(18)
C31	-C32	-C33	121.1(2)	Ru1	-C55	-C54	69.40(19)
C32	-C33	-C34	119.1(3)	C51	-C55	-C54	106.3(3)
C33	-C34	-C35	121.1(3)	P2	-C3	-H3A	110.44
C34	-C35	-C36	119.3(3)	P2	-C3	-H3B	110.42
C31	-C36	-C35	121.0(3)	C4	-C3	-H3A	110.46
P5	-C41	-C42	121.2(2)	C4	-C3	-H3B	110.40
P5	-C41	-C46	120.92(19)	H3A	-C3	-H3B	108.69
C42	-C41	-C46	117.7(2)	P5	-C4	-H4A	109.19
O47	-C42	-C41	115.9(2)	P5	-C4	-H4B	109.22
O47	-C42	-C43	123.4(3)	C3	-C4	-H4A	109.17
C41	-C42	-C43	120.7(3)	C3	-C4	-H4B	109.21
C42	-C43	-C44	119.8(3)	H4A	-C4	-H4B	107.87
C43	-C44	-C45	120.9(3)	C12	-C13	-H13	120.12

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Table S6 - Bond Angles (Degrees) (continued)
for: 3

C14	-C13	-H13	120.21	C35	-C36	-H36	119.47
C13	-C14	-H14	119.39	O37	-C38	-H38A	109.53
C15	-C14	-H14	119.39	O37	-C38	-H38B	109.48
C14	-C15	-H15	120.52	O37	-C38	-H38C	109.49
C16	-C15	-H15	120.53	H38A	-C38	-H38B	109.51
C11	-C16	-H16	119.06	H38A	-C38	-H38C	109.44
C15	-C16	-H16	118.99	H38B	-C38	-H38C	109.37
O17	-C18	-H18A	109.45	C42	-C43	-H43	120.11
O17	-C18	-H18B	109.49	C44	-C43	-H43	120.08
O17	-C18	-H18C	109.49	C43	-C44	-H44	119.59
H18A	-C18	-H18B	109.40	C45	-C44	-H44	119.46
H18A	-C18	-H18C	109.47	C44	-C45	-H45	120.22
H18B	-C18	-H18C	109.53	C46	-C45	-H45	120.16
C22	-C23	-H23	119.72	C41	-C46	-H46	119.42
C24	-C23	-H23	119.59	C45	-C46	-H46	119.35
C23	-C24	-H24	119.22	O47	-C48	-H48A	109.41
C25	-C24	-H24	119.26	O47	-C48	-H48B	109.51
C24	-C25	-H25	120.59	O47	-C48	-H48C	109.47
C26	-C25	-H25	120.58	H48A	-C48	-H48B	109.47
C21	-C26	-H26	119.50	H48A	-C48	-H48C	109.47
C25	-C26	-H26	119.51	H48B	-C48	-H48C	109.51
C32	-C33	-H33	120.42	Ru1	-C51	-H51	123.66
C34	-C33	-H33	120.46	C52	-C51	-H51	125.26
C33	-C34	-H34	119.47	C55	-C51	-H51	125.22
C35	-C34	-H34	119.41	Ru1	-C52	-H52	124.52
C34	-C35	-H35	120.35	C51	-C52	-H52	125.98
C36	-C35	-H35	120.33	C53	-C52	-H52	125.97
C31	-C36	-H36	119.49	Ru1	-C53	-H53	121.03

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Table S6 - Bond Angles (Degrees) (continued)
for: 3

C52	-C53	-H53	125.77	C55	-C54	-H54	126.23
C54	-C53	-H53	125.75	Ru1	-C55	-H55	122.92
Ru1	-C54	-H54	121.31	C51	-C55	-H55	126.93
C53	-C54	-H54	126.16	C54	-C55	-H55	126.75