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Atomic coordinates (x 10^4) and equivalent isotropic displacement parameters ($Å^2$ x 10^3) for 2.

	x	y	z	U(eq)[a]
Ru(1)	795(1)	1531(1)	2375(1)	35(1)
Ru(2)	-61(1)	2639(1)	1542(1)	43(1)
Ru(3)	416(1)	1514(1)	600(1)	39(1)
P(1)	1710(2)	486(1)	2778(1)	36(1)
O(1)	2165(7)	2342(3)	3748(4)	89(2)
O(2)	-1664(5)	1468(3)	3411(3)	68(2)
O(3)	-323(8)	3468(3)	3153(5)	107(3)
O(4)	-2871(5)	2217(3)	1685(4)	75(2)
O(5)	-778(8)	3644(4)	143(5)	110(3)
O(6)	-2359(6)	1295(3)	-88(4)	73(2)
O(7)	992(8)	2537(3)	-776(4)	94(2)
O(8)	1501(6)	256(3)	-233(3)	73(2)
O(9)	2033(4)	2804(2)	1384(3)	50(1)
N(1)	2184(5)	1687(3)	1377(3)	38(1)
N(2)	3818(5)	2359(3)	786(4)	49(1)
C(1)	1643(7)	2033(4)	3228(4)	54(2)
C(2)	-711(7)	1480(3)	3023(4)	43(2)
C(3)	-165(8)	3176(4)	2539(5)	63(2)
C(4)	-1784(7)	2368(4)	1628(5)	51(2)
C(5)	-473(8)	3281(4)	653(6)	65(2)
C(6)	-1321(8)	1387(4)	170(4)	51(2)
C(7)	763(8)	2160(4)	-261(5)	61(2)
C(8)	1104(7)	707(4)	98(4)	51(2)
C(9)	2684(6)	2307(3)	1192(4)	41(1)
C(10)	3344(6)	386(3)	2320(4)	44(2)
C(11)	3561(9)	19(4)	1573(5)	61(2)
C(12)	4791(12)	-1(6)	1221(7)	84(3)
C(13)	5817(11)	347(6)	1579(8)	94(4)
C(14)	5636(9)	703(7)	2299(9)	91(4)
C(15)	4397(7)	736(5)	2690(6)	66(2)
C(16)	2021(6)	321(3)	3916(4)	40(1)
C(17)	2938(10)	-135(4)	4198(5)	64(2)
C(18)	3116(10)	-269(5)	5067(5)	74(3)
C(19)	2341(9)	49(4)	5647(5)	62(2)
C(20)	1431(9)	490(4)	5380(5)	63(2)
C(21)	1285(7)	639(4)	4525(4)	52(2)
C(22)	771(6)	-257(3)	2487(4)	41(2)
C(23)	-587(6)	-206(3)	2348(4)	43(2)
C(24)	-1346(8)	-763(4)	2230(5)	55(2)
C(25)	-793(9)	-1374(4)	2222(5)	59(2)
C(26)	560(11)	-1433(4)	2334(6)	73(3)
C(27)	1329(9)	-879(4)	2476(5)	59(2)
C(28)	4244(13)	3014(6)	524(8)	83(3)
C(29)	4526(10)	1799(5)	452(6)	68(2)

[a]U(eq) is defined as one third of the trace of the orthogonalized Uij tensor.

Selected bond lengths [Å] for 2.

Ru(1)-C(2)	1.849(7)
Ru(1)-C(1)	1.872(8)
Ru(1)-N(1)	2.146(6)
Ru(1)-P(1)	2.386(2)
Ru(1)-Ru(2)	2.7257(12)
Ru(1)-Ru(3)	2.798(4)
Ru(2)-C(4)	1.833(8)
Ru(2)-C(3)	1.907(8)
Ru(2)-C(5)	1.942(8)
Ru(2)-O(9)	2.162(5)
Ru(2)-Ru(3)	2.7580(13)
Ru(3)-C(6)	1.886(8)
Ru(3)-C(7)	1.914(8)
Ru(3)-C(8)	1.947(7)
Ru(3)-N(1)	2.169(5)
P(1)-C(10)	1.825(6)
P(1)-C(22)	1.830(6)
P(1)-C(16)	1.834(7)
O(1)-C(1)	1.146(8)
O(2)-C(2)	1.150(8)
O(3)-C(3)	1.143(9)
O(4)-C(4)	1.147(8)
O(5)-C(5)	1.123(9)
O(6)-C(6)	1.134(9)
O(7)-C(7)	1.137(8)
O(8)-C(8)	1.125(8)
O(9)-C(9)	1.243(7)
N(1)-C(9)	1.384(8)
N(2)-C(9)	1.327(8)
N(2)-C(29)	1.442(10)
N(2)-C(28)	1.455(11)
C(10)-C(15)	1.394(11)
C(10)-C(11)	1.407(10)
C(11)-C(12)	1.372(13)
C(12)-C(13)	1.36(2)
C(13)-C(14)	1.35(2)
C(14)-C(15)	1.407(14)
C(16)-C(17)	1.374(10)
C(16)-C(21)	1.381(9)
C(17)-C(18)	1.395(11)
C(18)-C(19)	1.371(11)
C(19)-C(20)	1.342(11)
C(20)-C(21)	1.377(10)
C(22)-C(27)	1.378(10)
C(22)-C(23)	1.390(9)
C(23)-C(24)	1.375(10)
C(24)-C(25)	1.356(11)
C(25)-C(26)	1.381(13)
C(26)-C(27)	1.380(11)

Selected bond Angles [Å] for 2.

C(2)-Ru(1)-C(1)	90.5(3)
C(2)-Ru(1)-N(1)	165.0(2)
C(1)-Ru(1)-N(1)	98.2(3)
C(2)-Ru(1)-P(1)	97.2(2)
C(1)-Ru(1)-P(1)	97.0(2)
N(1)-Ru(1)-P(1)	93.8(2)
C(2)-Ru(1)-Ru(2)	92.9(2)
C(1)-Ru(1)-Ru(2)	91.9(2)
N(1)-Ru(1)-Ru(2)	74.7(2)
P(1)-Ru(1)-Ru(2)	166.44(4)
C(2)-Ru(1)-Ru(3)	116.5(2)
C(1)-Ru(1)-Ru(3)	140.1(2)
N(1)-Ru(1)-Ru(3)	49.9(2)
P(1)-Ru(1)-Ru(3)	107.23(5)
Ru(2)-Ru(1)-Ru(3)	59.89(4)
C(4)-Ru(2)-C(3)	92.4(3)
C(4)-Ru(2)-C(5)	93.6(3)
C(3)-Ru(2)-C(5)	101.0(4)
C(4)-Ru(2)-O(9)	171.3(2)
C(3)-Ru(2)-O(9)	94.3(3)
C(5)-Ru(2)-O(9)	90.6(3)
C(4)-Ru(2)-Ru(1)	90.7(2)
C(3)-Ru(2)-Ru(1)	95.7(3)
C(5)-Ru(2)-Ru(1)	162.6(3)
O(9)-Ru(2)-Ru(1)	83.09(12)
C(4)-Ru(2)-Ru(3)	88.3(2)
C(3)-Ru(2)-Ru(3)	157.0(2)
C(5)-Ru(2)-Ru(3)	101.8(3)
O(9)-Ru(2)-Ru(3)	83.35(13)
Ru(1)-Ru(2)-Ru(3)	61.37(7)
C(6)-Ru(3)-C(7)	91.4(3)
C(6)-Ru(3)-C(8)	94.5(3)
C(7)-Ru(3)-C(8)	102.4(3)
C(6)-Ru(3)-N(1)	166.6(3)
C(7)-Ru(3)-N(1)	97.2(3)
C(8)-Ru(3)-N(1)	93.7(3)
C(6)-Ru(3)-Ru(2)	97.6(2)
C(7)-Ru(3)-Ru(2)	81.4(2)
C(8)-Ru(3)-Ru(2)	167.2(2)
N(1)-Ru(3)-Ru(2)	73.7(2)
C(6)-Ru(3)-Ru(1)	117.7(2)
C(7)-Ru(3)-Ru(1)	131.9(2)
C(8)-Ru(3)-Ru(1)	111.6(2)
N(1)-Ru(3)-Ru(1)	49.20(14)
Ru(2)-Ru(3)-Ru(1)	58.75(4)
C(10)-P(1)-C(22)	106.3(3)
C(10)-P(1)-C(16)	102.8(3)
C(22)-P(1)-C(16)	99.8(3)
C(10)-P(1)-Ru(1)	110.1(2)
C(22)-P(1)-Ru(1)	117.7(2)
C(16)-P(1)-Ru(1)	118.4(2)
C(9)-O(9)-Ru(2)	115.3(4)
C(9)-N(1)-Ru(1)	122.2(4)
C(9)-N(1)-Ru(3)	109.2(4)

(Continues)

Selected bond Angles [Å] for 2 (Continued).

Ru(1)-N(1)-Ru(3)	80.9(2)
C(9)-N(2)-C(29)	123.5(6)
C(9)-N(2)-C(28)	118.1(7)
C(29)-N(2)-C(28)	117.4(8)
O(1)-C(1)-Ru(1)	179.8(6)
O(2)-C(2)-Ru(1)	177.6(6)
O(3)-C(3)-Ru(2)	174.1(8)
O(4)-C(4)-Ru(2)	178.0(7)
O(5)-C(5)-Ru(2)	176.4(8)
O(6)-C(6)-Ru(3)	178.4(7)
O(7)-C(7)-Ru(3)	178.6(8)
O(8)-C(8)-Ru(3)	176.4(6)
O(9)-C(9)-N(2)	121.3(6)
O(9)-C(9)-N(1)	119.0(6)
N(2)-C(9)-N(1)	119.7(6)
C(15)-C(10)-C(11)	118.9(7)
C(15)-C(10)-P(1)	118.1(6)
C(11)-C(10)-P(1)	122.8(6)
C(12)-C(11)-C(10)	120.4(10)
C(13)-C(12)-C(11)	120.6(10)
C(14)-C(13)-C(12)	120.1(10)
C(13)-C(14)-C(15)	121.6(11)
C(10)-C(15)-C(14)	118.3(11)
C(17)-C(16)-C(21)	117.3(6)
C(17)-C(16)-P(1)	122.4(5)
C(21)-C(16)-P(1)	120.2(5)
C(16)-C(17)-C(18)	121.2(8)
C(19)-C(18)-C(17)	119.4(8)
C(20)-C(19)-C(18)	120.2(7)
C(19)-C(20)-C(21)	120.5(8)
C(20)-C(21)-C(16)	121.4(7)
C(27)-C(22)-C(23)	118.0(6)
C(27)-C(22)-P(1)	122.8(5)
C(23)-C(22)-P(1)	118.9(5)
C(24)-C(23)-C(22)	120.4(7)
C(25)-C(24)-C(23)	121.3(8)
C(24)-C(25)-C(26)	119.1(7)
C(27)-C(26)-C(25)	120.2(8)
C(22)-C(27)-C(26)	120.9(8)

Anisotropic displacement parameters ($Å^2$ x 10^3) for 2.[a]

	U11	U22	U33	U23	U13	U12
Ru(1)	33(1)	37(1)	34(1)	0(1)	1(1)	-1(1)
Ru(2)	42(1)	36(1)	50(1)	0(1)	0(1)	4(1)
Ru(3)	42(1)	39(1)	34(1)	0(1)	0(1)	0(1)
P(1)	33(1)	40(1)	34(1)	0(1)	1(1)	1(1)
O(1)	103(5)	87(4)	75(4)	-22(3)	-24(4)	-29(4)
O(2)	46(3)	99(4)	60(3)	-2(3)	21(3)	6(3)
O(3)	141(7)	92(5)	89(5)	-44(4)	1(5)	13(4)
O(4)	48(3)	84(4)	94(4)	-3(3)	2(3)	-3(3)
O(5)	102(6)	97(5)	130(6)	55(5)	-4(5)	20(4)
O(6)	54(4)	81(4)	84(4)	-3(3)	-19(3)	4(3)
O(7)	150(7)	78(4)	54(4)	19(3)	7(4)	-22(4)
O(8)	93(4)	60(3)	66(4)	-20(3)	-1(3)	23(3)
O(9)	39(3)	40(2)	72(3)	4(2)	2(2)	-6(2)
N(1)	30(3)	37(3)	48(3)	7(2)	3(2)	3(3)
N(2)	40(3)	54(3)	54(3)	14(3)	4(3)	-9(3)
C(1)	55(4)	55(4)	52(4)	0(4)	4(4)	-10(4)
C(2)	45(4)	45(4)	39(3)	-5(3)	-4(3)	8(3)
C(3)	62(5)	49(4)	77(6)	-13(4)	1(4)	3(4)
C(4)	44(4)	50(4)	60(4)	-2(3)	-5(3)	10(3)
C(5)	51(5)	54(5)	90(6)	20(4)	5(4)	8(4)
C(6)	51(4)	60(5)	40(4)	0(3)	-1(3)	8(4)
C(7)	80(6)	57(5)	46(4)	4(4)	-9(4)	-8(4)
C(8)	60(5)	58(4)	34(3)	-7(3)	2(3)	-1(4)
C(9)	35(3)	52(4)	36(3)	3(3)	-2(3)	0(3)
C(10)	36(4)	50(4)	45(4)	8(3)	3(3)	9(3)
C(11)	66(5)	60(5)	59(5)	16(4)	15(4)	12(4)
C(12)	98(8)	85(7)	71(6)	17(5)	46(6)	39(6)
C(13)	74(7)	106(9)	103(9)	45(7)	35(7)	32(7)
C(14)	38(5)	120(10)	115(10)	60(9)	-10(6)	-17(6)
C(15)	36(4)	88(6)	74(6)	21(5)	-1(4)	-2(4)
C(16)	42(4)	43(4)	35(3)	0(3)	-4(3)	-7(3)
C(17)	81(6)	65(5)	47(4)	6(4)	5(4)	30(5)
C(18)	87(7)	82(6)	52(5)	21(4)	0(4)	35(5)
C(19)	77(6)	76(5)	33(4)	9(4)	5(4)	4(5)
C(20)	74(6)	74(5)	40(4)	8(4)	9(4)	10(5)
C(21)	51(4)	60(5)	46(4)	9(4)	-1(3)	7(4)
C(22)	46(4)	46(4)	32(3)	2(3)	3(3)	-5(3)
C(23)	37(4)	50(4)	42(4)	1(3)	-5(3)	-5(3)
C(24)	45(5)	65(5)	54(4)	-3(4)	-4(4)	-17(4)
C(25)	78(6)	48(5)	53(4)	-7(3)	-5(4)	-28(4)
C(26)	92(7)	39(5)	89(7)	-3(4)	-10(5)	2(5)
C(27)	57(5)	45(4)	74(5)	-1(4)	-7(4)	5(4)
C(28)	77(7)	96(8)	77(7)	27(6)	8(6)	-38(6)
C(29)	57(5)	77(6)	70(6)	4(5)	25(5)	1(5)

[a]The anisotropic displacement factor exponent takes the form: $-2\pi^2 [h^2 a^{*2} U11 + ... + 2 h k a^* b^* U12]$.

Hydrogen coordinates (x 10^4) and isotropic displacement parameters (A^2 x 10^3) for 2.

	x	y	z	U(iso)
H(1)	-204(61)	1064(32)	1478(35)	51(18)
H(2)	2648(53)	1409(24)	1335(32)	11(14)
H(11)	2849(72)	-189(35)	1281(44)	55(22)
H(12)	4966(117)	-189(56)	741(65)	131(45)
H(13)	6832(131)	407(59)	1156(73)	160(44)
H(14)	6055(95)	946(49)	2503(62)	84(39)
H(15)	4205(90)	1018(46)	3136(57)	94(34)
H(17)	3409(86)	-302(41)	3886(51)	73(29)
H(18)	3643(80)	-593(38)	5173(48)	70(25)
H(19)	2434(66)	-22(33)	6196(42)	51(20)
H(20)	930(79)	696(38)	5758(48)	68(24)
H(21)	644(57)	920(29)	4376(35)	30(16)
H(23)	-1059(60)	264(31)	2328(36)	43(17)
H(24)	-2141(65)	-720(31)	2182(37)	33(18)
H(25)	-1233(64)	-1786(34)	2217(38)	47(18)
H(26)	916(66)	-1826(36)	2329(40)	48(20)
H(27)	2223(72)	-933(34)	2544(41)	56(22)
H(281)	4977(96)	3091(48)	600(55)	75(32)
H(282)	4053(85)	3157(45)	-15(55)	82(29)
H(283)	3890(163)	3388(75)	1030(94)	219(72)
H(291)	5213(88)	1891(42)	70(51)	81(26)
H(292)	4906(103)	1520(47)	986(65)	110(36)
H(293)	4125(89)	1501(41)	97(55)	78(31)

Atomic coordinates (x 10^4) and equivalent isotropic displacement parameters ($Å^2$ x 10^3) for $3 \cdot CH_2Cl_2$.

	x	y	z	U(eq)[a]
Ru(1)	603(1)	73(1)	2145(1)	30(1)
Ru(2)	204(1)	-700(1)	1007(1)	31(1)
Ru(3)	244(1)	-1546(1)	1966(1)	32(1)
Cl(1)	6586(10)	1545(5)	3870(5)	138(4)
Cl(2)	4980(14)	1643(8)	2853(6)	198(6)
P(1)	715(5)	-907(2)	2809(2)	36(1)
P(2)	792(5)	525(2)	1186(2)	34(1)
O(1)	1539(15)	1369(7)	2911(7)	69(5)
O(2)	-2237(13)	324(8)	2327(6)	57(4)
O(3)	-2493(14)	-206(7)	701(7)	57(4)
O(4)	772(17)	-823(8)	-276(6)	71(5)
O(5)	-2426(13)	-1825(8)	2411(7)	62(4)
O(6)	1192(15)	-3073(8)	2324(7)	67(5)
O(7)	2585(10)	-219(6)	2003(5)	35(3)
N(1)	1872(12)	-1198(7)	1424(6)	29(3)
N(2)	4146(13)	-895(8)	1565(6)	37(4)
C(1)	1166(18)	891(11)	2620(8)	41(5)
C(2)	-1182(21)	251(10)	2254(8)	40(5)
C(3)	-1462(17)	-399(10)	824(8)	38(5)
C(4)	653(15)	-785(11)	221(8)	42(5)
C(5)	-1428(19)	-1702(10)	2243(9)	42(5)
C(6)	773(16)	-2479(9)	2187(8)	36(4)
C(7)	2887(15)	-775(9)	1667(8)	32(4)
C(8)	5099(18)	-420(11)	1843(9)	57(6)
C(9)	4591(20)	-1471(12)	1171(11)	74(7)
C(10)	-391(17)	-925(9)	3431(7)	35(4)
C(11)	-857(21)	-279(11)	3672(8)	52(5)
C(12)	-1677(19)	-290(11)	4168(8)	45(5)
C(13)	-2030(19)	-969(13)	4386(8)	53(6)
C(14)	-1607(17)	-1619(11)	4161(8)	44(5)
C(15)	-753(17)	-1615(10)	3675(8)	43(5)
C(16)	2301(18)	-1074(9)	3145(8)	37(4)
C(17)	3215(15)	-1548(10)	2891(8)	39(4)
C(18)	4440(18)	-1597(11)	3124(9)	52(5)
C(19)	4837(25)	-1203(12)	3587(11)	70(7)
C(20)	3920(24)	-750(13)	3862(11)	76(8)
C(21)	2673(20)	-673(12)	3633(9)	55(6)
C(22)	-182(18)	1276(8)	866(7)	35(4)
C(23)	-1240(20)	1601(9)	1157(9)	49(5)
C(24)	-1900(18)	2188(10)	921(9)	44(5)
C(25)	-1577(21)	2467(11)	367(9)	53(6)
C(26)	-510(20)	2148(11)	72(10)	57(5)
C(27)	152(18)	1570(10)	318(7)	43(4)
C(28)	2438(15)	787(9)	993(8)	31(4)
C(29)	3092(18)	1367(10)	1274(8)	43(5)

(Continues)

Atomic coordinates (x 10^4) and equivalent isotropic displacement parameters ($Å^2$ x 10^3) for $3 \cdot CH_2Cl_2$ (Continued).

	x	y	z	U(eq)[a]
C(30)	4337(17)	1518(11)	1154(8)	44(5)
C(31)	4988(17)	1168(12)	721(9)	53(5)
C(32)	4368(22)	609(11)	425(10)	65(6)
C(33)	3097(18)	402(11)	529(9)	49(5)
C(34)	-423(16)	-1927(10)	1026(8)	40(4)
C(35)	-1760(19)	-2109(11)	953(9)	49(5)
C(36)	-2157(22)	-2742(14)	679(11)	67(7)
C(37)	-1356(25)	-3209(15)	450(12)	84(9)
C(38)	-35(19)	-3101(11)	479(8)	52(5)
C(39)	397(18)	-2441(9)	758(8)	42(5)
C(40A)[a]	5821(76)	1075(26)	3375(20)	83(18)
C(40B)[b]	5072(111)	1127(39)	3282(32)	73(28)

[a]U(eq) is defined as one third of the trace of the orthogonalized Uij tensor.

[b]Occupation factor for C40A = 0.67.

[c]Occupation factor for C40B = 0.37.

Bond lengths [Å] and angles [°] for 3·CH_2Cl_2.

Ru(1)-C(2)	1.88(2)
Ru(1)-C(1)	1.91(2)
Ru(1)-O(7)	2.129(11)
Ru(1)-P(1)	2.321(5)
Ru(1)-P(2)	2.338(5)
Ru(1)-Ru(3)	2.953(2)
Ru(1)-Ru(2)	2.969(3)
Ru(2)-C(3)	1.84(2)
Ru(2)-C(4)	1.85(2)
Ru(2)-N(1)	2.155(13)
Ru(2)-C(34)	2.29(2)
Ru(2)-P(2)	2.313(4)
Ru(2)-Ru(3)	2.661(3)
Ru(3)-C(6)	1.83(2)
Ru(3)-C(5)	1.85(2)
Ru(3)-N(1)	2.173(13)
Ru(3)-P(1)	2.289(5)
Ru(3)-C(34)	2.35(2)
Cl(1)-C(40A)	1.61(6)
Cl(1)-C(40B)	2.19(10)
Cl(2)-C(40B)	1.35(7)
Cl(2)-C(40A)	1.79(6)
P(1)-C(10)	1.82(2)
P(1)-C(16)	1.83(2)
P(2)-C(28)	1.81(2)
P(2)-C(22)	1.83(2)
O(1)-C(1)	1.15(2)
O(2)-C(2)	1.10(2)
O(3)-C(3)	1.15(2)
O(4)-C(4)	1.14(2)
O(5)-C(5)	1.12(2)
O(6)-C(6)	1.19(2)
O(7)-C(7)	1.29(2)
N(1)-C(7)	1.40(2)
N(2)-C(7)	1.33(2)
N(2)-C(8)	1.44(2)
N(2)-C(9)	1.44(2)
C(10)-C(11)	1.37(2)
C(10)-C(15)	1.41(2)
C(11)-C(12)	1.41(2)
C(12)-C(13)	1.36(3)
C(13)-C(14)	1.34(3)
C(14)-C(15)	1.42(2)
C(16)-C(21)	1.38(3)
C(16)-C(17)	1.39(2)
C(17)-C(18)	1.37(2)
C(18)-C(19)	1.33(3)
C(19)-C(20)	1.39(3)
C(20)-C(21)	1.39(3)
C(22)-C(27)	1.40(2)

(Continues)

Bond lengths [Å] and angles [°] for $3 \cdot CH_2Cl_2$ (Continued).

C(22)-C(23)	1.40(2)
C(23)-C(24)	1.36(3)
C(24)-C(25)	1.40(3)
C(25)-C(26)	1.41(3)
C(26)-C(27)	1.36(2)
C(28)-C(29)	1.39(2)
C(28)-C(33)	1.43(2)
C(29)-C(30)	1.34(3)
C(30)-C(31)	1.35(3)
C(31)-C(32)	1.37(3)
C(32)-C(33)	1.38(3)
C(34)-C(39)	1.39(2)
C(34)-C(35)	1.42(3)
C(35)-C(36)	1.36(3)
C(36)-C(37)	1.29(3)
C(37)-C(38)	1.37(3)
C(38)-C(39)	1.41(2)
C(2)-Ru(1)-C(1)	95.2(8)
C(2)-Ru(1)-O(7)	175.4(6)
C(1)-Ru(1)-O(7)	89.1(6)
C(2)-Ru(1)-P(1)	95.2(6)
C(1)-Ru(1)-P(1)	101.2(5)
O(7)-Ru(1)-P(1)	82.3(3)
C(2)-Ru(1)-P(2)	98.4(6)
C(1)-Ru(1)-P(2)	103.8(5)
O(7)-Ru(1)-P(2)	82.1(3)
P(1)-Ru(1)-P(2)	150.1(2)
C(2)-Ru(1)-Ru(3)	93.6(6)
C(1)-Ru(1)-Ru(3)	150.3(5)
O(7)-Ru(1)-Ru(3)	81.8(3)
P(1)-Ru(1)-Ru(3)	49.69(13)
P(2)-Ru(1)-Ru(3)	102.81(12)
C(2)-Ru(1)-Ru(2)	93.4(5)
C(1)-Ru(1)-Ru(2)	153.4(5)
O(7)-Ru(1)-Ru(2)	83.4(3)
P(1)-Ru(1)-Ru(2)	102.94(14)
P(2)-Ru(1)-Ru(2)	49.96(12)
Ru(3)-Ru(1)-Ru(2)	53.40(5)
C(3)-Ru(2)-C(4)	92.2(7)
C(3)-Ru(2)-N(1)	163.9(7)
C(4)-Ru(2)-N(1)	101.1(6)
C(3)-Ru(2)-C(34)	91.4(7)
C(4)-Ru(2)-C(34)	90.6(8)
N(1)-Ru(2)-C(34)	79.5(5)
C(3)-Ru(2)-P(2)	90.3(6)
C(4)-Ru(2)-P(2)	100.6(6)
N(1)-Ru(2)-P(2)	96.1(4)
C(34)-Ru(2)-P(2)	168.7(5)
C(3)-Ru(2)-Ru(3)	111.5(6)
C(4)-Ru(2)-Ru(3)	137.9(6)
N(1)-Ru(2)-Ru(3)	52.4(3)
C(34)-Ru(2)-Ru(3)	56.1(5)
P(2)-Ru(2)-Ru(3)	113.01(14)

(Continues)

Bond lengths [Å] and angles [°] for $3 \cdot CH_2Cl_2$ (Continued).

C(3)-Ru(2)-Ru(1)	100.9(6)
C(4)-Ru(2)-Ru(1)	147.9(6)
N(1)-Ru(2)-Ru(1)	72.4(4)
C(34)-Ru(2)-Ru(1)	118.0(5)
P(2)-Ru(2)-Ru(1)	50.69(12)
Ru(3)-Ru(2)-Ru(1)	62.98(8)
C(6)-Ru(3)-C(5)	92.6(8)
C(6)-Ru(3)-N(1)	100.9(6)
C(5)-Ru(3)-N(1)	162.2(7)
C(6)-Ru(3)-P(1)	99.4(6)
C(5)-Ru(3)-P(1)	89.2(6)
N(1)-Ru(3)-P(1)	99.8(4)
C(6)-Ru(3)-C(34)	94.1(7)
C(5)-Ru(3)-C(34)	89.8(7)
N(1)-Ru(3)-C(34)	77.9(5)
P(1)-Ru(3)-C(34)	166.4(4)
C(6)-Ru(3)-Ru(2)	138.7(6)
C(5)-Ru(3)-Ru(2)	110.6(6)
N(1)-Ru(3)-Ru(2)	51.8(3)
P(1)-Ru(3)-Ru(2)	114.07(14)
C(34)-Ru(3)-Ru(2)	54.0(4)
C(6)-Ru(3)-Ru(1)	145.4(5)
C(5)-Ru(3)-Ru(1)	102.5(5)
N(1)-Ru(3)-Ru(1)	72.5(3)
P(1)-Ru(3)-Ru(1)	50.64(12)
C(34)-Ru(3)-Ru(1)	116.6(4)
Ru(2)-Ru(3)-Ru(1)	63.62(6)
C(10)-P(1)-C(16)	103.3(9)
C(10)-P(1)-Ru(3)	120.8(6)
C(16)-P(1)-Ru(3)	117.3(6)
C(10)-P(1)-Ru(1)	119.4(5)
C(16)-P(1)-Ru(1)	116.2(6)
Ru(3)-P(1)-Ru(1)	79.7(2)
C(28)-P(2)-C(22)	103.0(8)
C(28)-P(2)-Ru(2)	116.6(6)
C(22)-P(2)-Ru(2)	119.0(6)
C(28)-P(2)-Ru(1)	113.2(6)
C(22)-P(2)-Ru(1)	125.6(6)
Ru(2)-P(2)-Ru(1)	79.34(14)
C(7)-O(7)-Ru(1)	120.6(10)
C(7)-N(1)-Ru(2)	122.8(10)
C(7)-N(1)-Ru(3)	120.2(11)
Ru(2)-N(1)-Ru(3)	75.9(4)
C(7)-N(2)-C(8)	119(2)
C(7)-N(2)-C(9)	122(2)
C(8)-N(2)-C(9)	119(2)
O(1)-C(1)-Ru(1)	178(2)
O(2)-C(2)-Ru(1)	177(2)
O(3)-C(3)-Ru(2)	179(2)
O(4)-C(4)-Ru(2)	172(2)
O(5)-C(5)-Ru(3)	177(2)
O(6)-C(6)-Ru(3)	176(2)
O(7)-C(7)-N(2)	117(2)

(Continues)

Bond lengths [Å] and angles [°] for 3·CH_2Cl_2 (Continued).

O(7)-C(7)-N(1)	118.1(14)
N(2)-C(7)-N(1)	125(2)
C(11)-C(10)-C(15)	120(2)
C(11)-C(10)-P(1)	121.2(13)
C(15)-C(10)-P(1)	119.3(12)
C(10)-C(11)-C(12)	121(2)
C(13)-C(12)-C(11)	118(2)
C(14)-C(13)-C(12)	123(2)
C(13)-C(14)-C(15)	120(2)
C(10)-C(15)-C(14)	119(2)
C(21)-C(16)-C(17)	118(2)
C(21)-C(16)-P(1)	120(2)
C(17)-C(16)-P(1)	121.9(14)
C(18)-C(17)-C(16)	120(2)
C(19)-C(18)-C(17)	124(2)
C(18)-C(19)-C(20)	117(2)
C(21)-C(20)-C(19)	121(2)
C(16)-C(21)-C(20)	120(2)
C(27)-C(22)-C(23)	117(2)
C(27)-C(22)-P(2)	119.9(14)
C(23)-C(22)-P(2)	122.9(14)
C(24)-C(23)-C(22)	121(2)
C(23)-C(24)-C(25)	121(2)
C(24)-C(25)-C(26)	118(2)
C(27)-C(26)-C(25)	120(2)
C(26)-C(27)-C(22)	122(2)
C(29)-C(28)-C(33)	118(2)
C(29)-C(28)-P(2)	122.2(14)
C(33)-C(28)-P(2)	119.7(13)
C(30)-C(29)-C(28)	121(2)
C(29)-C(30)-C(31)	122(2)
C(30)-C(31)-C(32)	118(2)
C(31)-C(32)-C(33)	124(2)
C(32)-C(33)-C(28)	117(2)
C(39)-C(34)-C(35)	113(2)
C(39)-C(34)-Ru(2)	117.1(12)
C(35)-C(34)-Ru(2)	119.3(13)
C(39)-C(34)-Ru(3)	114.6(12)
C(35)-C(34)-Ru(3)	117.1(14)
Ru(2)-C(34)-Ru(3)	69.9(5)
C(36)-C(35)-C(34)	122(2)
C(37)-C(36)-C(35)	123(2)
C(36)-C(37)-C(38)	122(2)
C(37)-C(38)-C(39)	117(2)
C(34)-C(39)-C(38)	124(2)
Cl(1)-C(40A)-Cl(2)	114(3)
Cl(2)-C(40B)-Cl(1)	105(5)

Anisotropic displacement parameters ($Å^2$ x 10^3) for $3 \cdot CH_2Cl_2$.[a]

	U11	U22	U33	U23	U13	U12
Ru(1)	33(1)	29(1)	29(1)	0(1)	1(1)	1(1)
Ru(2)	30(1)	33(1)	30(1)	-1(1)	-1(1)	1(1)
Ru(3)	29(1)	32(1)	34(1)	2(1)	0(1)	-1(1)
Cl(1)	115(6)	92(5)	208(11)	33(7)	-37(7)	-11(5)
Cl(2)	184(12)	205(12)	205(12)	21(11)	-77(12)	-5(11)
P(1)	39(2)	35(2)	34(3)	3(2)	6(2)	-1(2)
P(2)	35(2)	27(2)	41(3)	1(2)	3(2)	-2(2)
O(1)	66(10)	44(8)	97(13)	-43(9)	-16(9)	8(7)
O(2)	42(9)	62(9)	67(11)	-18(8)	13(7)	8(7)
O(3)	41(8)	56(9)	74(10)	9(8)	-11(7)	3(7)
O(4)	116(13)	78(10)	19(7)	-10(7)	10(8)	-2(10)
O(5)	36(8)	62(10)	86(12)	5(8)	7(8)	-14(7)
O(6)	82(11)	35(8)	85(12)	18(8)	6(9)	9(8)
O(7)	32(6)	34(7)	40(8)	0(6)	-4(6)	0(5)
N(1)	23(7)	29(7)	34(8)	-4(6)	-1(6)	-4(6)
N(2)	21(7)	39(9)	50(10)	-3(7)	-1(7)	1(7)
C(1)	39(11)	51(13)	34(11)	10(10)	4(9)	10(9)
C(2)	60(14)	41(11)	19(10)	-10(8)	-4(9)	16(10)
C(3)	22(10)	44(10)	49(13)	4(9)	0(9)	9(8)
C(4)	17(8)	65(12)	44(12)	-9(10)	-12(8)	21(9)
C(5)	35(11)	38(11)	51(12)	-2(9)	-10(10)	-16(9)
C(6)	25(8)	43(11)	39(10)	-2(9)	3(8)	-20(8)
C(7)	30(10)	22(9)	45(11)	1(8)	-10(8)	8(8)
C(8)	28(10)	81(14)	63(13)	9(11)	-13(10)	-27(10)
C(9)	38(13)	71(15)	114(20)	-29(15)	-6(13)	1(12)
C(10)	40(11)	33(10)	30(10)	-5(7)	6(9)	3(8)
C(11)	65(13)	64(14)	25(10)	11(9)	18(10)	6(11)
C(12)	45(11)	61(13)	28(11)	-7(9)	8(9)	7(10)
C(13)	42(11)	97(18)	18(10)	22(11)	-3(9)	0(12)
C(14)	32(10)	49(12)	53(13)	28(10)	13(9)	-2(9)
C(15)	28(9)	41(11)	62(13)	11(10)	2(9)	-2(9)
C(16)	49(11)	19(9)	43(11)	10(8)	-6(9)	1(8)
C(17)	23(8)	47(10)	47(11)	11(10)	2(8)	-8(8)
C(18)	41(12)	54(11)	62(13)	25(11)	-6(10)	5(10)
C(19)	54(14)	66(15)	91(18)	23(14)	-26(14)	-2(13)
C(20)	80(18)	62(14)	87(19)	1(14)	-58(15)	-10(14)
C(21)	53(13)	58(13)	53(14)	15(11)	-4(11)	15(11)
C(22)	44(10)	30(9)	32(10)	-6(7)	-3(9)	4(8)
C(23)	78(14)	22(9)	46(12)	-23(9)	5(11)	-4(10)
C(24)	38(10)	40(11)	54(14)	-14(10)	-18(10)	5(9)
C(25)	66(15)	36(12)	58(14)	-3(10)	-27(12)	15(11)
C(26)	66(14)	48(12)	58(13)	10(10)	-7(12)	-6(11)
C(27)	44(10)	51(11)	34(10)	3(9)	12(9)	1(10)
C(28)	26(8)	31(9)	37(10)	11(8)	3(8)	10(8)
C(29)	41(11)	47(12)	42(11)	4(9)	-3(9)	-10(9)
C(30)	26(9)	62(12)	43(11)	14(10)	-5(8)	-14(10)

(Continues)

Anisotropic displacement parameters ($Å^2$ x 10^3) for $3 \cdot CH_2Cl_2$ (Continued).[a]

	U11	U22	U33	U23	U13	U12
C(31)	16(10)	74(14)	70(14)	33(12)	-2(10)	-6(10)
C(32)	67(15)	46(13)	82(17)	11(11)	27(13)	-16(12)
C(33)	27(10)	62(13)	57(13)	-6(11)	2(9)	5(9)
C(34)	23(9)	43(10)	53(11)	8(9)	-9(9)	-1(8)
C(35)	47(11)	45(12)	55(14)	-9(10)	2(11)	4(10)
C(36)	47(13)	82(17)	72(16)	-4(14)	-11(12)	-43(13)
C(37)	64(17)	94(21)	94(21)	-46(17)	7(15)	-38(15)
C(38)	44(13)	59(12)	54(12)	-7(10)	9(10)	-6(10)
C(39)	42(11)	37(10)	48(11)	-4(8)	-8(10)	-6(9)

[a]The anisotropic displacement factor exponent takes the form: $-2\pi^2 [h^2 a^{*2} U11 + \ldots + 2 h k a^* b^* U12]$.

Hydrogen coordinates (x 10^4) for $3 \cdot CH_2Cl_2$.[a]

	x	y	z
H(1)	2187(12)	-1586(7)	1208(6)
H(81)	5956(18)	-574(11)	1728(9)
H(82)	5016(18)	-457(11)	2261(9)
H(83)	4960(18)	88(11)	1724(9)
H(91)	5524(20)	-1469(12)	1157(11)
H(92)	4251(20)	-1380(12)	785(11)
H(93)	4294(20)	-1948(12)	1307(11)
H(11)	-627(21)	176(11)	3506(8)
H(12)	-1967(19)	150(11)	4340(8)
H(13)	-2591(19)	-983(13)	4706(8)
H(14)	-1874(17)	-2069(11)	4325(8)
H(15)	-437(17)	-2059(10)	3519(8)
H(17)	2993(15)	-1832(10)	2564(8)
H(18)	5028(18)	-1923(11)	2949(9)
H(19)	5690(25)	-1229(12)	3721(11)
H(20)	4145(24)	-496(13)	4203(11)
H(21)	2087(20)	-349(12)	3811(9)
H(23)	-1498(20)	1412(9)	1519(9)
H(24)	-2575(18)	2407(10)	1131(9)
H(25)	-2054(21)	2852(11)	198(9)
H(26)	-257(20)	2333(11)	-292(10)
H(27)	848(18)	1363(10)	115(7)
H(29)	2653(18)	1654(10)	1550(8)
H(30)	4767(17)	1877(11)	1377(8)
H(31)	5836(17)	1303(12)	626(9)
H(32)	4828(22)	353(11)	137(10)
H(33)	2688(18)	32(11)	309(9)
H(35)	-2385(19)	-1782(11)	1098(9)
H(36)	-3042(22)	-2842(14)	657(11)
H(37)	-1677(25)	-3630(15)	260(12)
H(38)	547(19)	-3445(11)	322(8)
H(39)	1286(18)	-2345(9)	763(8)
H(401)[b]	5199(76)	749(26)	3566(20)
H(402)[b]	6440(76)	763(26)	3167(20)
H(403)[c]	5313(111)	645(39)	3121(32)
H(404)[c]	4251(111)	1076(39)	3488(32)

[a]U(iso) for all H atoms is 80(13) $Å^2 \times 10^3$.
[b]Occupation factor = 0.63.
[c]Occupation factor = 0.37.