Table 1-1 Atomic coordinates of **1c**

	x	y	z	Beq
W	0.31704(3)	0.36980(4)	0.122240(6)	3.316(10)
N1	-0.0045 (5)	0.5634 (7)	0.15224 (11)	3.66 (21)
N2	-0.0067 (5)	0.6233 (8)	0.10033 (11)	3.85 (21)
C	0.0767 (6)	0.5331 (9)	0.12502 (13)	2.93 (22)
C1	0.2381 (7)	0.1300 (11)	0.14917 (16)	5.1 (3)
C2	0.4045 (7)	0.5348 (11)	0.16119 (16)	4.5 (3)
C3	0.5268 (7)	0.2235 (11)	0.12203 (15)	4.5 (3)
C4	0.4037 (6)	0.6027 (10)	0.09390 (14)	4.1 (3)
C5	0.2547 (7)	0.2024 (10)	0.08209 (17)	4.7 (3)
C6	-0.1479 (7)	0.6967 (11)	0.14588 (17)	4.9 (3)
C7	-0.1527 (8)	0.7259 (13)	0.11027 (18)	5.8 (4)
C10	0.0442 (7)	0.5229 (11)	0.18566 (15)	4.2 (3)
C11	-0.0869 (7)	0.4292 (10)	0.20493 (14)	4.0 (3)
C12	-0.1341 (8)	0.5230 (13)	0.23298 (17)	5.9 (4)
C13	-0.2545 (8)	0.4315 (16)	0.25071 (18)	7.6 (5)
C14	-0.3274 (9)	0.2528 (17)	0.24017 (21)	8.3 (5)
C15	-0.2829 (9)	0.1590 (13)	0.21193 (22)	7.6 (5)
C16	-0.1624 (8)	0.2479 (12)	0.19520 (18)	5.7 (4)
C20	0.0204 (6)	0.6154 (10)	0.06567 (15)	4.2 (3)
C21	-0.1066 (6)	0.4939 (10)	0.04632 (14)	3.7 (3)
C22	-0.1736 (7)	0.5762 (11)	0.01789 (15)	4.8 (3)
C23	-0.2881 (8)	0.4596 (14)	0.00018 (17)	6.2 (4)
C24	-0.3343 (9)	0.2676 (16)	0.01008 (21)	7.4 (4)
C25	-0.2708 (9)	0.1862 (12)	0.03895 (22)	7.1 (4)
C26	-0.1572 (8)	0.2992 (11)	0.05700 (19)	5.7 (4)
O1	0.1955 (7)	-0.0122 (9)	0.16373 (14)	8.2 (3)
O2	0.4632 (5)	0.6282 (9)	0.18251 (12)	6.9 (3)
O3	0.6454 (5)	0.1347 (9)	0.12285 (12)	7.2 (3)
O4	0.4568 (5)	0.7301 (9)	0.07794 (13)	6.8 (3)
O5	0.2276 (6)	0.1052 (8)	0.05845 (12)	7.3 (3)
H6a	-0.137	0.828	0.157	5.7
H6b	-0.241	0.627	0.153	5.7
H7a	-0.153	0.871	0.105	6.6
H7b	-0.244	0.660	0.100	6.6
H10a	0.131	0.427	0.186	5.0
H10b	0.077	0.652	0.196	5.0
H12	-0.085	0.651	0.240	6.6
H13	-0.285	0.495	0.270	8.4
H14	-0.409	0.192	0.252	9.1
H15	-0.335	0.035	0.204	8.3
H16	-0.130	0.180	0.176	6.5
H20a	0.023	0.755	0.058	5.0
H20b	0.120	0.550	0.063	5.0
H22	-0.142	0.711	0.010	5.6
H23	-0.335	0.517	-0.019	7.0
H24	-0.410	0.189	-0.003	8.2
H25	-0.305	0.053	0.046	7.9
H26	-0.114	0.243	0.077	6.4

Beq is the Mean of the Principal Axes of the Thermal Ellipsoid

Table 1-2 Atomic coordinates of **5b**

Atomic coordinates [x 10^4] and equivalent isotropic displacement parameters [$Å^2$ x 10^3] for 5219. U(eq) is defined as one third of the trace of the orthogonalized U_{ij} tensor.

	x	y	z	U(eq)
W	7382(1)	1881(1)	7677(1)	36(1)
P	5316(2)	1311(1)	8182(1)	33(1)
N(1)	7718(5)	3223(3)	8771(3)	45(1)
N(2)	5715(5)	3254(2)	8167(3)	40(1)
C	6883(6)	2880(3)	8264(3)	36(1)
C(1)	6559(7)	2272(3)	6719(4)	45(2)
C(2)	8508(8)	1421(3)	8524(4)	52(2)
C(3)	7684(6)	1014(3)	7135(4)	45(2)
C(4)	9115(7)	2271(3)	7394(4)	53(2)
C(6)	7090(8)	3833(4)	9075(4)	57(2)
C(7)	5680(8)	3861(3)	8647(4)	58(2)
C(10)	9038(7)	2984(3)	9136(4)	54(2)
C(11)	10103(6)	3559(3)	9249(4)	44(2)
C(12)	10454(8)	3838(4)	9918(4)	59(2)
C(13)	11459(10)	4363(4)	10012(5)	80(3)
C(14)	12095(9)	4590(4)	9439(6)	78(3)
C(15)	11742(9)	4318(5)	8770(5)	79(3)
C(16)	10771(8)	3794(4)	8674(4)	60(2)
C(20)	4477(6)	3105(3)	7695(3)	41(1)
C(21)	4210(6)	3607(3)	7069(3)	36(1)
C(22)	5257(7)	3966(3)	6785(4)	51(2)
C(23)	4986(8)	4393(4)	6188(4)	63(2)
C(24)	3681(9)	4461(4)	5861(4)	65(2)
C(25)	2616(8)	4117(4)	6139(4)	61(2)
C(26)	2863(7)	3691(4)	6734(4)	50(2)
C(31)	3698(6)	1155(3)	7608(3)	38(1)
C(32)	2635(6)	778(4)	7865(4)	50(2)
C(33)	1419(7)	654(4)	7426(5)	58(2)
C(34)	1255(7)	895(4)	6733(4)	55(2)
C(35)	2302(7)	1268(4)	6465(4)	51(2)
C(36)	3511(7)	1394(3)	6907(4)	45(2)
C(41)	4795(7)	1767(3)	8984(3)	39(2)
C(42)	3483(8)	2020(3)	9033(4)	52(2)
C(43)	3202(10)	2418(5)	9623(5)	75(3)
C(44)	4193(12)	2562(4)	10166(5)	78(3)
C(45)	5512(9)	2311(4)	10137(4)	64(2)
C(46)	5822(7)	1925(3)	9545(4)	49(2)
C(51)	5693(6)	413(3)	8489(3)	33(1)
C(52)	5746(6)	-96(3)	7955(4)	41(2)
C(53)	6080(7)	-780(3)	8152(4)	52(2)
C(54)	6386(7)	-958(4)	8874(4)	53(2)
C(55)	6319(7)	-462(4)	9396(4)	51(2)
C(56)	5984(6)	218(3)	9204(4)	42(2)
O(1)	6195(6)	2465(3)	6141(3)	72(2)
O(2)	9229(6)	1134(3)	8957(3)	77(2)
O(3)	7883(5)	515(3)	6811(3)	64(1)
O(4)	10171(5)	2486(3)	7249(3)	78(2)

Table 1-2 Atomic coordinates of **5b** (continued)

	x	y	z	U(eq)
H(6A)	7616(8)	4253(4)	9002(4)	69
H(6B)	7015(8)	3774(4)	9589(4)	69
H(7A)	4950(8)	3819(3)	8962(4)	69
H(7B)	5555(8)	4291(3)	8371(4)	69
H(10A)	9397(7)	2616(3)	8849(4)	64
H(10B)	8885(7)	2788(3)	9603(4)	64
H(12A)	10027(8)	3680(4)	10313(4)	70
H(13A)	11690(10)	4556(4)	10469(5)	96
H(14A)	12773(9)	4933(4)	9505(6)	94
H(15A)	12157(9)	4485(5)	8374(5)	94
H(16A)	10564(8)	3597(4)	8217(4)	72
H(20A)	3694(6)	3115(3)	7978(3)	50
H(20B)	4543(6)	2637(3)	7503(3)	50
H(22A)	6159(7)	3919(3)	6999(4)	62
H(23A)	5704(8)	4637(4)	6008(4)	76
H(24A)	3508(9)	4738(4)	5451(4)	78
H(25A)	1718(8)	4174(4)	5922(4)	73
H(26A)	2135(7)	3457(4)	6915(4)	60
H(32A)	2740(6)	607(4)	8338(4)	60
H(33A)	711(7)	404(4)	7606(5)	70
H(34A)	438(7)	808(4)	6440(4)	66
H(35A)	2196(7)	1434(4)	5991(4)	62
H(36A)	4214(7)	1646(3)	6724(4)	54
H(42A)	2782(8)	1923(3)	8667(4)	63
H(43A)	2313(10)	2588(5)	9646(5)	90
H(44A)	3988(12)	2830(4)	10558(5)	93
H(45A)	6194(9)	2401(4)	10515(4)	76
H(46A)	6720(7)	1769(3)	9520(4)	59
H(52A)	5559(6)	22(3)	7468(4)	50
H(53A)	6098(7)	-1120(3)	7796(4)	63
H(54A)	6636(7)	-1413(4)	9003(4)	64
H(55A)	6500(7)	-582(4)	9883(4)	62
H(56A)	5953(6)	552(3)	9566(4)	51

Table 1-3 Atomic coordinates of **6b**

Atomic coordinates [x 10^4] and equivalent isotropic displacement parameters [$Å^2$ x 10^3] for 5226. U(eq) is defined as one third of the trace of the orthogonalized U_{ij} tensor.

	x	y	z	U(eq)
W	-2529(1)	1432(1)	1728(1)	38(1)
P(1)	-560(2)	1342(1)	3336(1)	43(1)
P	-1199(1)	2095(1)	1930(1)	42(1)
N(1)	-1116(6)	1246(2)	-29(4)	55(1)
N(2)	-783(5)	744(1)	920(3)	52(1)
C	-1351(5)	1109(2)	787(4)	44(1)
C(1)	-3557(6)	943(2)	1802(4)	51(1)
C(2)	-4196(7)	1573(2)	579(5)	57(1)
C(3)	-3665(6)	1674(2)	2512(4)	51(1)
C(6)	-313(8)	969(2)	-475(5)	72(2)
C(7)	41(8)	639(2)	243(5)	68(2)
C(8)	-90(6)	1842(2)	3853(4)	53(1)
C(9)	315(6)	2093(2)	3107(4)	54(1)
C(10)	-1644(7)	1608(2)	-540(4)	57(1)
C(11)	-2712(6)	1549(2)	-1526(4)	50(1)
C(12)	-2661(7)	1814(2)	-2265(5)	60(2)
C(13)	-3646(9)	1793(2)	-3185(6)	80(2)
C(14)	-4735(10)	1520(3)	-3376(6)	88(3)
C(15)	-4830(9)	1254(2)	-2663(7)	86(2)
C(16)	-3818(8)	1280(2)	-1730(6)	71(2)
C(20)	-683(7)	487(2)	1740(4)	53(1)
C(21)	-1470(6)	96(2)	1470(4)	52(1)
C(22)	-2614(7)	39(2)	628(5)	62(2)
C(23)	-3310(8)	-326(2)	439(6)	79(2)
C(24)	-2886(10)	-625(2)	1096(8)	89(3)
C(25)	-1766(10)	-570(2)	1933(7)	88(2)
C(26)	-1050(8)	-213(2)	2121(6)	72(2)
C(31)	-2338(6)	2516(2)	2053(4)	46(1)
C(32)	-1794(7)	2831(2)	2662(5)	61(2)
C(33)	-2694(8)	3140(2)	2726(6)	76(2)
C(34)	-4150(8)	3147(2)	2175(6)	71(2)
C(35)	-4713(7)	2839(2)	1563(6)	77(2)
C(36)	-3831(7)	2522(2)	1507(5)	66(2)
C(41)	-276(6)	2286(2)	1067(4)	48(1)
C(42)	-988(7)	2542(2)	328(5)	56(1)
C(43)	-369(7)	2652(2)	-390(5)	65(2)
C(44)	964(8)	2501(2)	-381(5)	68(2)
C(45)	1700(7)	2242(2)	346(5)	69(2)
C(46)	1087(6)	2135(2)	1065(5)	60(2)
C(51)	1307(6)	1165(2)	3452(4)	48(1)
C(52)	1816(6)	1193(2)	2647(5)	53(1)
C(53)	3246(7)	1091(2)	2706(5)	70(2)
C(54)	4182(8)	950(3)	3573(6)	87(2)
C(55)	3706(8)	926(3)	4369(6)	93(3)
C(56)	2273(7)	1027(2)	4322(5)	72(2)
C(61)	-1058(6)	1067(2)	4275(4)	52(1)
C(62)	-1021(10)	665(2)	4267(5)	89(2)
C(63)	-1481(11)	441(3)	4932(6)	100(3)
C(64)	-1961(9)	618(3)	5612(6)	92(3)
C(65)	-2033(11)	1014(4)	5628(7)	110(3)
C(66)	-1582(9)	1238(2)	4957(6)	81(2)
O(1)	-4232(6)	660(1)	1850(4)	80(1)

O(2)	-5237(6)	1660(2)	-41(4)	97(2)
O(3)	-4391(6)	1805(2)	2951(4)	88(2)
C(70)	4636(19)	-115(4)	2470(12)	178(7)
Cl(1)	2827(4)	-164(1)	2079(3)	149(1)
Cl(2)	5464(6)	-193(2)	3658(4)	225(2)

H(6A)	578(8)	1087(2)	-543(5)	87
H(6B)	-930(8)	881(2)	-1109(5)	87
H(7A)	-291(8)	389(2)	-73(5)	82
H(7B)	1093(8)	625(2)	578(5)	82
H(8A)	-927(6)	1956(2)	4005(4)	64
H(8B)	734(6)	1829(2)	4448(4)	64
H(9A)	1209(6)	1992(2)	3005(4)	65
H(9B)	508(6)	2359(2)	3350(4)	65
H(10A)	-806(7)	1756(2)	-602(4)	68
H(10B)	-2112(7)	1764(2)	-154(4)	68
H(12A)	-1941(7)	2009(2)	-2125(5)	72
H(13A)	-3567(9)	1963(2)	-3671(6)	96
H(14A)	-5428(10)	1510(3)	-3992(6)	106
H(15A)	-5560(9)	1062(2)	-2807(7)	104
H(16A)	-3902(8)	1110(2)	-1244(6)	85
H(20A)	-1094(7)	622(2)	2189(4)	64
H(20B)	351(7)	437(2)	2078(4)	64
H(22A)	-2925(7)	243(2)	184(5)	75
H(23A)	-4068(8)	-366(2)	-139(6)	95
H(24A)	-3365(10)	-866(2)	969(8)	106
H(25A)	-1479(10)	-773(2)	2381(7)	105
H(26A)	-275(8)	-179(2)	2693(6)	87
H(32A)	-804(7)	2834(2)	3034(5)	74
H(33A)	-2308(8)	3347(2)	3149(6)	91
H(34A)	-4748(8)	3359(2)	2215(6)	86
H(35A)	-5698(7)	2842(2)	1182(6)	93
H(36A)	-4235(7)	2311(2)	1102(5)	79
H(42A)	-1904(7)	2643(2)	311(5)	68
H(43A)	-861(7)	2828(2)	-875(5)	77
H(44A)	1377(8)	2573(2)	-863(5)	81
H(45A)	2608(7)	2140(2)	351(5)	83
H(46A)	1589(6)	1961(2)	1551(5)	72
H(52A)	1180(6)	1282(2)	2057(5)	63
H(53A)	3575(7)	1117(2)	2165(5)	84
H(54A)	5135(8)	871(3)	3613(6)	105
H(55A)	4354(8)	841(3)	4959(6)	112
H(56A)	1960(7)	1001(2)	4870(5)	86
H(62A)	-682(10)	537(2)	3806(5)	107
H(63A)	-1454(11)	168(3)	4905(6)	120
H(64A)	-2240(9)	469(3)	6067(6)	110
H(65A)	-2384(11)	1139(4)	6087(7)	132
H(66A)	-1641(9)	1510(2)	4977(6)	97
H(70A)	4875(19)	150(4)	2316(12)	214
H(70B)	5056(19)	-295(4)	2105(12)	214

Table 1-4 Atomic coordinates of **9c**

	x	y	z	Beq
Pt	0.270103(23)	0.45380(5)	0.06017(6)	3.939(20)
Cl1	0.17741 (16)	0.5484 (4)	0.1136 (4)	5.65 (17)
Cl2	0.30607 (21)	0.4040 (4)	0.3241 (4)	6.52 (19)
N1	0.1897 (5)	0.4281 (11)	-0.2591 (12)	5.0 (5)
N2	0.2549 (5)	0.5922 (12)	-0.2384 (11)	5.2 (6)
C	0.2382 (6)	0.4939 (12)	-0.1618 (14)	4.5 (6)
C1	0.3476 (7)	0.3880 (18)	0.0233 (19)	7.0 (9)
C6	0.1768 (8)	0.4802 (19)	-0.4179 (18)	7.3 (9)
C7	0.2179 (8)	0.5970 (18)	-0.3994 (16)	6.8 (9)
C10	0.1602 (7)	0.3142 (14)	-0.2246 (19)	5.9 (7)
C11	0.0854 (6)	0.3177 (14)	-0.2618 (17)	5.8 (7)
C12	0.0512 (9)	0.409 (3)	-0.220 (3)	14.8 (20)
C13	-0.0182 (10)	0.409 (3)	-0.251 (3)	13.4 (18)
C14	-0.0526 (8)	0.3095 (24)	-0.3141 (24)	10.4 (14)
C15	-0.0194 (11)	0.241 (4)	-0.376 (5)	23.6 (31)
C16	0.0507 (10)	0.238 (3)	-0.345 (4)	20.8 (27)
C20	0.3043 (7)	0.6844 (13)	-0.1765 (16)	5.4 (7)
C21	0.3658 (6)	0.6816 (13)	-0.2480 (13)	4.5 (6)
C22	0.4022 (7)	0.7902 (14)	-0.2570 (17)	6.0 (7)
C23	0.4594 (7)	0.7856 (18)	-0.3175 (20)	7.3 (9)
C24	0.4816 (8)	0.6764 (20)	-0.3650 (21)	8.3 (11)
C25	0.4458 (9)	0.5702 (16)	-0.3595 (19)	7.0 (9)
C26	0.3881 (8)	0.5700 (14)	-0.3002 (18)	6.4 (8)
O1	0.3966 (5)	0.3464 (15)	0.0042 (16)	10.1 (8)
H6a	0.191	0.425	-0.492	8.1
H6b	0.130	0.497	-0.456	8.1
H7a	0.189	0.673	-0.415	7.0
H7b	0.246	0.604	-0.473	7.0
H10a	0.177	0.245	-0.277	7.0
H10b	0.178	0.295	-0.111	7.0
H12	0.074	0.494	-0.166	11.8
H13	-0.048	0.495	-0.272	12.9
H14	-0.093	0.281	-0.270	10.7
H15	-0.047	0.191	-0.467	21.3
H16	0.077	0.187	-0.411	16.4
H20a	0.284	0.768	-0.192	6.3
H20b	0.318	0.674	-0.065	6.3
H22	0.388	0.867	-0.222	6.6
H23	0.483	0.861	-0.325	7.9
H24	0.522	0.674	-0.402	9.2
H25	0.461	0.494	-0.398	8.0
H26	0.364	0.495	-0.295	7.5

Beq is the Mean of the Principal Axes of the Thermal Ellipsoid

Table 1-5 Atomic coordinates of **11b**

Atomic coordinates [x 10^4] and equivalent isotropic displacement parameters [$Å^2$ x 10^3] for 5135. U(eq) is defined as one third of the trace of the orthogonalized U_{ij} tensor.

	x	y	z	U(eq)
Pt	7494(1)	3717(1)	5217(1)	43(1)
P	6383(1)	4368(1)	5131(1)	42(1)
Cl(1)	8667(1)	3038(1)	5310(1)	67(1)
Cl(2)	7423(1)	4072(2)	3839(1)	71(1)
N(1)	7453(2)	2482(4)	6682(3)	47(1)
N(2)	7884(3)	4051(5)	6980(3)	56(2)
C	7608(3)	3407(5)	6372(4)	42(1)
C(6)	7575(4)	2512(5)	7561(4)	62(2)
C(7)	7934(4)	3573(5)	7762(4)	68(2)
C(10)	7090(4)	1590(5)	6233(5)	60(2)
C(11)	7504(4)	569(6)	6400(4)	61(2)
C(12)	8208(5)	491(7)	6316(5)	80(2)
C(13)	8582(6)	-439(9)	6424(6)	115(3)
C(14)	8276(7)	-1298(8)	6632(7)	118(4)
C(15)	7569(7)	-1278(7)	6721(8)	123(4)
C(16)	7177(5)	-335(6)	6588(6)	99(3)
C(20)	8084(3)	5155(5)	6883(4)	59(2)
C(21)	8852(4)	5388(5)	7284(4)	56(2)
C(22)	9430(4)	4905(6)	7040(5)	72(2)
C(23)	10138(4)	5162(7)	7410(6)	88(3)
C(24)	10260(5)	5878(7)	8024(6)	89(3)
C(25)	9698(7)	6344(8)	8273(7)	85(4)
C(26)	9001(5)	6098(6)	7916(5)	62(2)
C(31)	5739(3)	3835(5)	4273(3)	52(2)
C(32)	5850(4)	2846(6)	3994(5)	85(2)
C(33)	5388(6)	2407(8)	3352(6)	115(3)
C(34)	4816(5)	2970(9)	2957(5)	96(3)
C(35)	4681(4)	3949(9)	3229(5)	96(3)
C(36)	5139(4)	4391(6)	3892(4)	74(2)
C(41)	6337(3)	5787(5)	5040(4)	51(1)
C(42)	5759(4)	6363(5)	5237(5)	68(2)
C(43)	5738(4)	7455(6)	5181(5)	82(2)
C(44)	6259(5)	7991(6)	4925(5)	86(3)
C(45)	6833(4)	7449(5)	4733(5)	73(2)
C(46)	6871(4)	6357(5)	4782(4)	61(2)
C(51)	5993(3)	4087(4)	6002(4)	45(1)
C(52)	5525(3)	3246(5)	6001(4)	50(1)
C(53)	5293(4)	2988(5)	6697(4)	61(2)
C(54)	5513(6)	3563(7)	7388(6)	66(3)
C(55)	5970(4)	4415(7)	7385(5)	66(2)
C(56)	6202(3)	4680(5)	6701(4)	52(2)
C(62)	9333(5)	5575(7)	4678(6)	97(3)
C(61)	7818(7)	935(13)	4015(9)	161(6)
Cl(3)	8892(1)	6683(2)	4958(2)	112(1)
Cl(4)	10206(1)	5458(2)	5166(1)	98(1)
Cl(5)	6984(2)	445(3)	3942(3)	155(2)
Cl(6)	8425(3)	-32(7)	4156(4)	338(5)

Table 1-5 Atomic coordinates of **11b** (continued)

	x	y	z	U(eq)
H(6A)	7885(4)	1937(5)	7797(4)	75
H(6B)	7125(4)	2471(5)	7746(4)	75
H(7A)	7682(4)	3992(5)	8096(4)	82
H(7B)	8431(4)	3488(5)	8035(4)	82
H(10A)	7016(4)	1745(5)	5663(5)	72
H(10B)	6622(4)	1501(5)	6368(5)	72
H(12A)	8437(5)	1095(7)	6181(5)	96
H(13A)	9054(6)	-464(9)	6350(6)	138
H(14A)	8536(7)	-1925(8)	6721(7)	142
H(15A)	7355(7)	-1889(7)	6868(8)	148
H(16A)	6696(5)	-323(6)	6627(6)	119
H(20A)	7766(3)	5613(5)	7109(4)	71
H(20B)	8018(3)	5314(5)	6314(4)	71
H(22A)	9346(4)	4408(6)	6628(5)	86
H(23A)	10522(4)	4846(7)	7238(6)	106
H(24A)	10729(5)	6047(7)	8273(6)	107
H(25A)	9786(7)	6835(8)	8689(7)	102
H(26A)	8625(5)	6414(6)	8102(5)	74
H(32A)	6249(4)	2461(6)	4246(5)	102
H(33A)	5466(6)	1723(8)	3188(6)	138
H(34A)	4518(5)	2689(9)	2504(5)	115
H(35A)	4281(4)	4325(9)	2970(5)	116
H(36A)	5042(4)	5057(6)	4077(4)	89
H(42A)	5389(4)	6004(5)	5407(5)	82
H(43A)	5358(4)	7823(6)	5322(5)	98
H(44A)	6234(5)	8724(6)	4877(5)	103
H(45A)	7199(4)	7824(5)	4569(5)	88
H(46A)	7256(4)	6004(5)	4640(4)	73
H(52A)	5368(3)	2857(5)	5535(4)	60
H(53A)	4984(4)	2418(5)	6696(4)	73
H(54A)	5356(6)	3382(7)	7854(6)	80
H(55A)	6119(4)	4810(7)	7851(5)	79
H(56A)	6503(3)	5260(5)	6702(4)	63
H(62A)	9075(5)	4945(7)	4781(6)	116
H(62B)	9318(5)	5608(7)	4105(6)	116
H(61A)	7845(7)	1318(13)	3527(9)	193
H(61B)	7921(7)	1428(13)	4461(9)	193

Table 2-1 Bond distances and bond angles of **1c**

W-C	2.276(5)	C5-O5	1.163(8)
W-C1	2.010(7)	C6-C7	1.471(10)
W-C2	2.021(7)	C10-C11	1.506(8)
W-C3	1.991(6)	C11-C12	1.369(9)
W-C4	2.034(6)	C11-C16	1.365(9)
W-C5	2.010(7)	C12-C13	1.397(10)
N1-C	1.347(7)	C13-C14	1.351(14)
N1-C6	1.485(7)	C14-C15	1.369(13)
N1-C10	1.437(8)	C15-C16	1.369(10)
N2-C	1.334(7)	C20-C21	1.512(8)
N2-C7	1.462(7)	C21-C22	1.376(9)
N2-C20	1.450(8)	C21-C26	1.383(9)
C1-O1	1.148(9)	C22-C23	1.392(10)
C2-O2	1.150(8)	C23-C24	1.346(13)
C3-O3	1.143(7)	C24-C25	1.378(12)
C4-O4	1.143(8)	C25-C26	1.382(10)

C-W-C1	90.15(22)	W-C2-O2	175.8(5)
C-W-C2	90.97(21)	W-C3-O3	177.4(6)
C-W-C3	177.30(22)	W-C4-O4	177.8(5)
C-W-C4	92.18(20)	W-C5-O5	176.1(5)
C-W-C5	94.69(22)	N1-C6-C7	103.5(5)
C1-W-C2	94.3(3)	N2-C7-C6	103.5(5)
C1-W-C3	87.9(3)	N1-C10-C11	112.8(5)
C1-W-C4	177.3(3)	C10-C11-C12	121.0(6)
C1-W-C5	88.3(3)	C10-C11-C16	121.3(6)
C2-W-C3	87.37(24)	C12-C11-C16	117.7(6)
C2-W-C4	87.1(3)	C11-C12-C13	120.0(7)
C2-W-C5	173.78(23)	C12-C13-C14	120.7(7)
C3-W-C4	89.9(3)	C13-C14-C15	119.9(7)
C3-W-C5	87.06(25)	C14-C15-C16	118.7(7)
C4-W-C5	90.1(3)	C11-C16-C15	123.0(7)
C-N1-C6	111.8(5)	N2-C20-C21	113.3(5)
C-N1-C10	129.2(5)	C20-C21-C22	120.3(6)
C6-N1-C10	117.7(5)	C20-C21-C26	120.5(5)
C-N2-C7	113.4(5)	C22-C21-C26	119.2(6)
C-N2-C20	129.0(5)	C21-C22-C23	119.2(6)
C7-N2-C20	117.3(5)	C22-C23-C24	121.6(7)
W-C-N1	126.0(4)	C23-C24-C25	119.5(7)
W-C-N2	126.4(4)	C24-C25-C26	119.9(7)
N1-C-N2	107.5(4)	C21-C26-C25	120.5(7)
W-C1-O1	177.4(6)		

Table 2-2 Bond distances and bond angles of **5b**

W-C(4)	1.967(7)	W-C(3)	1.980(7)
W-C(1)	2.015(8)	W-C(2)	2.021(8)
W-C	2.280(6)	W-P	2.551(2)
P-C(31)	1.832(6)	P-C(51)	1.838(6)
P-C(41)	1.841(6)	N(1)-C	1.348(8)
N(1)-C(6)	1.460(8)	N(1)-C(10)	1.463(8)
N(2)-C	1.341(7)	N(2)-C(20)	1.444(7)
N(2)-C(7)	1.468(8)	C(1)-O(1)	1.154(8)
C(2)-O(2)	1.150(8)	C(3)-O(3)	1.156(7)
C(4)-O(4)	1.165(8)	C(6)-C(7)	1.513(10)
C(10)-C(11)	1.513(9)	C(11)-C(12)	1.361(9)
C(11)-C(16)	1.382(10)	C(12)-C(13)	1.401(11)
C(13)-C(14)	1.357(12)	C(14)-C(15)	1.357(12)
C(15)-C(16)	1.378(11)	C(20)-C(21)	1.509(8)
C(21)-C(22)	1.379(8)	C(21)-C(26)	1.401(8)
C(22)-C(23)	1.380(9)	C(23)-C(24)	1.356(10)
C(24)-C(25)	1.373(10)	C(25)-C(26)	1.374(10)
C(31)-C(36)	1.372(9)	C(31)-C(32)	1.387(8)
C(32)-C(33)	1.387(10)	C(33)-C(34)	1.358(10)
C(34)-C(35)	1.380(10)	C(35)-C(36)	1.384(9)
C(41)-C(42)	1.379(9)	C(41)-C(46)	1.399(9)
C(42)-C(43)	1.384(10)	C(43)-C(44)	1.348(12)
C(44)-C(45)	1.378(12)	C(45)-C(46)	1.381(9)
C(51)-C(56)	1.377(8)	C(51)-C(52)	1.396(8)
C(52)-C(53)	1.390(9)	C(53)-C(54)	1.384(10)
C(54)-C(55)	1.362(10)	C(55)-C(56)	1.382(8)

C(4)-W-C(3)	90.4(3)	C(4)-W-C(1)	84.1(3)
C(3)-W-C(1)	86.1(3)	C(4)-W-C(2)	87.8(3)
C(3)-W-C(2)	86.0(3)	C(1)-W-C(2)	168.7(3)
C(4)-W-C	92.2(2)	C(3)-W-C	176.1(2)
C(1)-W-C	91.3(2)	C(2)-W-C	97.0(2)
C(4)-W-P	172.8(2)	C(3)-W-P	89.5(2)
C(1)-W-P	103.1(2)	C(2)-W-P	85.0(2)
C-W-P	88.2(2)	C(31)-P-C(51)	99.1(3)
C(31)-P-C(41)	104.7(3)	C(51)-P-C(41)	104.9(3)
C(31)-P-W	121.4(2)	C(51)-P-W	112.0(2)
C(41)-P-W	112.8(2)	C-N(1)-C(6)	114.4(5)
C-N(1)-C(10)	127.3(5)	C(6)-N(1)-C(10)	117.1(5)
C-N(2)-C(20)	128.2(5)	C-N(2)-C(7)	114.6(5)
C(20)-N(2)-C(7)	117.0(5)	N(2)-C-N(1)	105.8(5)
N(2)-C-W	127.3(4)	N(1)-C-W	126.8(4)
O(1)-C(1)-W	173.2(6)	O(2)-C(2)-W	173.4(7)
O(3)-C(3)-W	178.5(5)	O(4)-C(4)-W	177.1(7)
N(1)-C(6)-C(7)	102.7(5)	N(2)-C(7)-C(6)	102.2(5)
N(1)-C(10)-C(11)	113.1(5)	C(12)-C(11)-C(16)	118.8(7)
C(12)-C(11)-C(10)	121.1(7)	C(16)-C(11)-C(10)	120.1(6)
C(11)-C(12)-C(13)	120.1(8)	C(14)-C(13)-C(12)	120.2(8)
C(13)-C(14)-C(15)	120.0(8)	C(14)-C(15)-C(16)	120.2(8)
C(15)-C(16)-C(11)	120.7(7)	N(2)-C(20)-C(21)	114.0(5)
C(22)-C(21)-C(26)	118.0(6)	C(22)-C(21)-C(20)	122.5(5)
C(26)-C(21)-C(20)	119.4(5)	C(21)-C(22)-C(23)	121.0(7)
C(24)-C(23)-C(22)	120.4(7)	C(23)-C(24)-C(25)	119.8(7)
C(24)-C(25)-C(26)	120.6(7)	C(25)-C(26)-C(21)	120.1(6)
C(36)-C(31)-C(32)	118.0(6)	C(36)-C(31)-P	121.1(5)
C(32)-C(31)-P	120.9(5)	C(33)-C(32)-C(31)	120.6(7)
C(34)-C(33)-C(32)	120.4(7)	C(33)-C(34)-C(35)	119.9(7)
C(34)-C(35)-C(36)	119.5(7)	C(31)-C(36)-C(35)	121.6(6)
C(42)-C(41)-C(46)	118.1(6)	C(42)-C(41)-P	123.7(5)

C(46)-C(41)-P	117.9(5)	C(41)-C(42)-C(43)	120.4(7)
C(44)-C(43)-C(42)	121.1(8)	C(43)-C(44)-C(45)	119.9(8)
C(44)-C(45)-C(46)	119.9(8)	C(45)-C(46)-C(41)	120.5(7)
C(56)-C(51)-C(52)	118.3(6)	C(56)-C(51)-P	124.5(5)
C(52)-C(51)-P	117.1(5)	C(53)-C(52)-C(51)	119.8(6)
C(54)-C(53)-C(52)	120.5(6)	C(55)-C(54)-C(53)	119.6(6)
C(54)-C(55)-C(56)	120.2(7)	C(51)-C(56)-C(55)	121.5(6)

Symmetry transformations used to generate equivalent atoms:

Table 2-3 Bond distances and bond angles of **6c**

W-C(1)	1.952(6)	W-C(3)	1.968(6)
W-C(2)	1.969(6)	W-C	2.290(5)
W-P(1)	2.5124(14)	W-P	2.5595(13)
P(1)-C(61)	1.824(6)	P(1)-C(51)	1.835(5)
P(1)-C(8)	1.855(6)	P-C(31)	1.838(5)
P-C(41)	1.846(6)	P-C(9)	1.859(6)
N(1)-C	1.347(7)	N(1)-C(10)	1.446(8)
N(1)-C(6)	1.479(7)	N(2)-C	1.345(7)
N(2)-C(20)	1.449(7)	N(2)-C(7)	1.470(7)
C(1)-O(1)	1.172(7)	C(2)-O(2)	1.151(7)
C(3)-O(3)	1.159(7)	C(6)-C(7)	1.494(9)
C(8)-C(9)	1.513(8)	C(10)-C(11)	1.486(8)
C(11)-C(16)	1.358(9)	C(11)-C(12)	1.408(9)
C(12)-C(13)	1.371(10)	C(13)-C(14)	1.356(12)
C(14)-C(15)	1.393(12)	C(15)-C(16)	1.396(11)
C(20)-C(21)	1.517(8)	C(21)-C(22)	1.373(8)
C(21)-C(26)	1.384(9)	C(22)-C(23)	1.394(10)
C(23)-C(24)	1.363(12)	C(24)-C(25)	1.356(12)
C(25)-C(26)	1.379(11)	C(31)-C(32)	1.382(8)
C(31)-C(36)	1.397(8)	C(32)-C(33)	1.379(9)
C(33)-C(34)	1.370(10)	C(34)-C(35)	1.371(10)
C(35)-C(36)	1.384(9)	C(41)-C(42)	1.382(8)
C(41)-C(46)	1.395(8)	C(42)-C(43)	1.391(9)
C(43)-C(44)	1.363(9)	C(44)-C(45)	1.384(10)
C(45)-C(46)	1.385(9)	C(51)-C(52)	1.390(8)
C(51)-C(56)	1.390(8)	C(52)-C(53)	1.382(8)
C(53)-C(54)	1.380(10)	C(54)-C(55)	1.359(11)
C(55)-C(56)	1.386(10)	C(61)-C(66)	1.361(9)
C(61)-C(62)	1.371(10)	C(62)-C(63)	1.396(10)
C(63)-C(64)	1.345(12)	C(64)-C(65)	1.352(14)
C(65)-C(66)	1.397(11)	C(70)-Cl(1)	1.65(2)
C(70)-Cl(2)	1.67(2)		

C(1)-W-C(3)	87.4(2)	C(1)-W-C(2)	88.1(3)
C(3)-W-C(2)	86.5(2)	C(1)-W-C	88.0(2)
C(3)-W-C	175.2(2)	C(2)-W-C	91.9(2)
C(1)-W-P(1)	95.2(2)	C(3)-W-P(1)	84.6(2)
C(2)-W-P(1)	170.4(2)	C-W-P(1)	97.22(13)
C(1)-W-P	170.1(2)	C(3)-W-P	84.6(2)
C(2)-W-P	97.1(2)	C-W-P	100.15(13)
P(1)-W-P	78.43(4)	C(61)-P(1)-C(51)	103.2(3)
C(61)-P(1)-C(8)	105.0(3)	C(51)-P(1)-C(8)	99.0(3)
C(61)-P(1)-W	117.2(2)	C(51)-P(1)-W	123.5(2)
C(8)-P(1)-W	106.2(2)	C(31)-P-C(41)	101.9(3)
C(31)-P-C(9)	103.3(3)	C(41)-P-C(9)	102.7(3)
C(31)-P-W	114.4(2)	C(41)-P-W	123.7(2)
C(9)-P-W	108.6(2)	C-N(1)-C(10)	128.0(5)
C-N(1)-C(6)	113.9(5)	C(10)-N(1)-C(6)	117.8(5)
C-N(2)-C(20)	126.6(5)	C-N(2)-C(7)	113.7(5)
C(20)-N(2)-C(7)	118.7(5)	N(2)-C-N(1)	106.1(5)
N(2)-C-W	127.5(4)	N(1)-C-W	126.4(4)
O(1)-C(1)-W	176.7(5)	O(2)-C(2)-W	174.5(6)
O(3)-C(3)-W	176.7(5)	N(1)-C(6)-C(7)	102.4(5)
N(2)-C(7)-C(6)	103.0(5)	C(9)-C(8)-P(1)	108.4(4)
C(8)-C(9)-P	110.8(4)	N(1)-C(10)-C(11)	113.6(5)
C(16)-C(11)-C(12)	118.2(6)	C(16)-C(11)-C(10)	123.8(6)
C(12)-C(11)-C(10)	117.7(5)	C(13)-C(12)-C(11)	121.8(7)
C(14)-C(13)-C(12)	119.0(8)	C(13)-C(14)-C(15)	121.0(8)
C(14)-C(15)-C(16)	119.2(7)	C(11)-C(16)-C(15)	120.7(7)

N(2)-C(20)-C(21)	114.6(5)	C(22)-C(21)-C(26)	118.4(6)
C(22)-C(21)-C(20)	123.2(6)	C(26)-C(21)-C(20)	118.4(6)
C(21)-C(22)-C(23)	120.0(7)	C(24)-C(23)-C(22)	120.5(8)
C(25)-C(24)-C(23)	119.9(8)	C(24)-C(25)-C(26)	120.2(8)
C(25)-C(26)-C(21)	120.9(7)	C(32)-C(31)-C(36)	117.7(5)
C(32)-C(31)-P	123.3(4)	C(36)-C(31)-P	119.0(4)
C(33)-C(32)-C(31)	121.0(6)	C(34)-C(33)-C(32)	120.9(6)
C(33)-C(34)-C(35)	119.0(6)	C(34)-C(35)-C(36)	120.8(6)
C(35)-C(36)-C(31)	120.5(6)	C(42)-C(41)-C(46)	117.8(5)
C(42)-C(41)-P	121.2(4)	C(46)-C(41)-P	120.4(5)
C(41)-C(42)-C(43)	121.6(6)	C(44)-C(43)-C(42)	119.8(6)
C(43)-C(44)-C(45)	120.0(6)	C(44)-C(45)-C(46)	120.2(6)
C(45)-C(46)-C(41)	120.7(6)	C(52)-C(51)-C(56)	118.2(5)
C(52)-C(51)-P(1)	118.5(4)	C(56)-C(51)-P(1)	123.2(5)
C(53)-C(52)-C(51)	121.3(6)	C(54)-C(53)-C(52)	119.6(7)
C(55)-C(54)-C(53)	119.6(6)	C(54)-C(55)-C(56)	121.4(7)
C(55)-C(56)-C(51)	119.8(7)	C(66)-C(61)-C(62)	116.6(6)
C(66)-C(61)-P(1)	123.6(5)	C(62)-C(61)-P(1)	119.6(5)
C(61)-C(62)-C(63)	121.7(8)	C(64)-C(63)-C(62)	120.3(9)
C(63)-C(64)-C(65)	119.4(8)	C(64)-C(65)-C(66)	120.2(8)
C(61)-C(66)-C(65)	121.8(8)	Cl(1)-C(70)-Cl(2)	116.7(8)

Symmetry transformations used to generate equivalent atoms:

Table 2-4 Bond distances and bond angles of **9c**

Pt-Cl1	2.283(3)	C11-C12	1.30(3)
Pt-Cl2	2.348(4)	C11-C16	1.25(3)
Pt-C	1.974(13)	C12-C13	1.39(3)
Pt-C1	1.826(15)	C13-C14	1.34(4)
N1-C	1.369(16)	C14-C15	1.20(3)
N1-C6	1.475(20)	C15-C16	1.41(3)
N1-C10	1.420(19)	C20-C21	1.517(19)
N2-C	1.329(17)	C21-C22	1.392(20)
N2-C7	1.464(17)	C21-C26	1.389(20)
N2-C20	1.441(19)	C22-C23	1.382(22)
C1-O1	1.142(18)	C23-C24	1.35(3)
C6-C7	1.50(3)	C24-C25	1.36(3)
C10-C11	1.504(19)	C25-C26	1.385(22)

Cl1-Pt-Cl2	90.41(15)	N1-C10-C11	113.0(12)
Cl1-Pt-C	89.0(4)	C10-C11-C12	122.9(14)
Cl1-Pt-C1	175.9(6)	C10-C11-C16	123.1(15)
Cl2-Pt-C	178.9(4)	C12-C11-C16	113.8(17)
Cl2-Pt-C1	88.6(5)	C11-C12-C13	122.5(22)
C-Pt-C1	92.1(6)	C12-C13-C14	120.6(22)
C-N1-C6	111.5(12)	C13-C14-C15	112.2(20)
C-N1-C10	126.5(11)	C14-C15-C16	124.9(22)
C6-N1-C10	121.5(12)	C11-C16-C15	122.6(21)
C-N2-C7	112.4(12)	N2-C20-C21	114.2(11)
C-N2-C20	125.7(11)	C20-C21-C22	120.4(12)
C7-N2-C20	121.9(12)	C20-C21-C26	120.6(12)
Pt-C-N1	124.0(9)	C22-C21-C26	118.9(13)
Pt-C-N2	127.2(9)	C21-C22-C23	119.9(15)
N1-C-N2	108.6(11)	C22-C23-C24	120.9(16)
Pt-C1-O1	178.3(15)	C23-C24-C25	119.7(15)
N1-C6-C7	102.8(12)	C24-C25-C26	121.5(15)
N2-C7-C6	104.2(13)	C21-C26-C25	119.0(14)

Table 2-5 Bond distances and bond angles of **11b**

Pt-C	1.970(6)	Pt-P	2.242(2)
Pt-Cl(2)	2.364(2)	Pt-Cl(1)	2.366(2)
P-C(41)	1.799(6)	P-C(51)	1.821(6)
P-C(31)	1.832(6)	N(1)-C	1.338(7)
N(1)-C(10)	1.455(8)	N(1)-C(6)	1.465(8)
N(2)-C	1.337(9)	N(2)-C(7)	1.446(8)
N(2)-C(20)	1.463(8)	C(6)-C(7)	1.513(9)
C(10)-C(11)	1.508(10)	C(11)-C(16)	1.369(11)
C(11)-C(12)	1.378(10)	C(12)-C(13)	1.366(12)
C(13)-C(14)	1.315(14)	C(14)-C(15)	1.38(2)
C(15)-C(16)	1.399(13)	C(20)-C(21)	1.510(8)
C(21)-C(26)	1.384(9)	C(21)-C(22)	1.391(10)
C(22)-C(23)	1.404(11)	C(23)-C(24)	1.365(12)
C(24)-C(25)	1.360(14)	C(25)-C(26)	1.376(14)
C(31)-C(32)	1.368(9)	C(31)-C(36)	1.383(9)
C(32)-C(33)	1.371(11)	C(33)-C(34)	1.358(13)
C(34)-C(35)	1.362(13)	C(35)-C(36)	1.394(11)
C(41)-C(46)	1.386(9)	C(41)-C(42)	1.415(9)
C(42)-C(43)	1.383(10)	C(43)-C(44)	1.344(11)
C(44)-C(45)	1.381(11)	C(45)-C(46)	1.383(9)
C(51)-C(52)	1.384(8)	C(51)-C(56)	1.393(8)
C(52)-C(53)	1.382(8)	C(53)-C(54)	1.373(11)
C(54)-C(55)	1.383(12)	C(55)-C(56)	1.367(9)
C(62)-Cl(4)	1.704(8)	C(62)-Cl(3)	1.747(9)
C(61)-Cl(6)	1.66(2)	C(61)-Cl(5)	1.683(14)

C-Pt-P	93.0(2)	C-Pt-Cl(2)	176.9(2)
P-Pt-Cl(2)	90.05(7)	C-Pt-Cl(1)	87.1(2)
P-Pt-Cl(1)	179.77(7)	Cl(2)-Pt-Cl(1)	89.93(7)
C(41)-P-C(51)	104.1(3)	C(41)-P-C(31)	106.5(3)
C(51)-P-C(31)	105.0(3)	C(41)-P-Pt	113.6(2)
C(51)-P-Pt	114.1(2)	C(31)-P-Pt	112.8(2)
C-N(1)-C(10)	126.0(5)	C-N(1)-C(6)	112.2(5)
C(10)-N(1)-C(6)	121.0(5)	C-N(2)-C(7)	113.5(5)
C-N(2)-C(20)	124.3(6)	C(7)-N(2)-C(20)	122.1(6)
N(2)-C-N(1)	108.1(5)	N(2)-C-Pt	126.6(5)
N(1)-C-Pt	125.3(5)	N(1)-C(6)-C(7)	103.0(5)
N(2)-C(7)-C(6)	102.7(5)	N(1)-C(10)-C(11)	113.0(6)
C(16)-C(11)-C(12)	117.5(8)	C(16)-C(11)-C(10)	120.9(7)
C(12)-C(11)-C(10)	121.5(7)	C(13)-C(12)-C(11)	122.5(10)
C(14)-C(13)-C(12)	119.9(11)	C(13)-C(14)-C(15)	120.6(9)
C(14)-C(15)-C(16)	119.7(10)	C(11)-C(16)-C(15)	119.7(10)
N(2)-C(20)-C(21)	112.6(5)	C(26)-C(21)-C(22)	117.7(7)
C(26)-C(21)-C(20)	120.3(6)	C(22)-C(21)-C(20)	121.9(6)
C(21)-C(22)-C(23)	120.5(8)	C(24)-C(23)-C(22)	119.7(8)
C(25)-C(24)-C(23)	120.1(9)	C(24)-C(25)-C(26)	120.8(11)
C(25)-C(26)-C(21)	121.1(9)	C(32)-C(31)-C(36)	118.1(6)
C(32)-C(31)-P	119.1(5)	C(36)-C(31)-P	122.8(5)
C(31)-C(32)-C(33)	121.7(8)	C(34)-C(33)-C(32)	120.1(9)
C(33)-C(34)-C(35)	119.6(8)	C(34)-C(35)-C(36)	120.6(8)
C(31)-C(36)-C(35)	119.8(8)	C(46)-C(41)-C(42)	117.5(6)
C(46)-C(41)-P	121.2(5)	C(42)-C(41)-P	121.3(5)
C(43)-C(42)-C(41)	120.7(7)	C(44)-C(43)-C(42)	120.8(7)
C(43)-C(44)-C(45)	119.8(7)	C(44)-C(45)-C(46)	120.9(7)
C(45)-C(46)-C(41)	120.3(6)	C(52)-C(51)-C(56)	119.1(5)
C(52)-C(51)-P	121.1(5)	C(56)-C(51)-P	119.7(4)
C(53)-C(52)-C(51)	119.7(6)	C(54)-C(53)-C(52)	120.9(7)
C(53)-C(54)-C(55)	119.4(8)	C(56)-C(55)-C(54)	120.3(8)
C(55)-C(56)-C(51)	120.6(6)	Cl(4)-C(62)-Cl(3)	114.2(5)

Cl(6)-C(61)-Cl(5)	110.8(10)

Symmetry transformations used to generate equivalent atoms:

Table 3-1 Anisotropic displacement parameters of **1c**

	u11(U)	u22	u33	u12	u13	u23
W	3.411(10)	4.086(12)	5.100(13)	0.669(13)	0.134(9)	-0.102(15)
N1	4.1 (3)	5.0 (3)	4.9 (3)	0.81 (22)	0.82 (22)	0.03 (25)
N2	4.07 (25)	4.9 (3)	5.7 (3)	1.3 (3)	0.33 (21)	0.6 (3)
C	3.7 (3)	3.5 (3)	3.9 (3)	-0.37 (25)	0.17 (24)	0.3 (3)
C1	6.8 (4)	5.8 (4)	6.6 (4)	0.3 (4)	0.5 (3)	0.6 (4)
C2	3.8 (3)	6.4 (4)	7.0 (5)	0.7 (3)	0.4 (3)	-0.4 (4)
C3	5.4 (4)	7.1 (4)	4.4 (4)	1.1 (3)	-0.4 (3)	-0.8 (3)
C4	3.8 (3)	6.4 (4)	5.4 (4)	0.2 (3)	-0.7 (3)	-0.1 (4)
C5	5.9 (4)	4.3 (4)	7.4 (5)	0.7 (3)	-0.1 (3)	-0.1 (4)
C6	4.4 (4)	6.7 (5)	7.7 (5)	1.5 (3)	1.5 (3)	-0.9 (4)
C7	6.2 (4)	9.1 (6)	6.7 (5)	4.0 (4)	0.4 (4)	0.4 (4)
C10	5.2 (4)	6.0 (4)	4.9 (4)	-0.2 (3)	0.5 (3)	-0.8 (3)
C11	4.5 (3)	5.8 (4)	4.8 (4)	0.4 (3)	0.2 (3)	0.2 (3)
C12	7.0 (5)	10.1 (6)	5.2 (4)	0.3 (4)	0.6 (4)	-1.1 (4)
C13	6.8 (5)	16.3 (9)	6.0 (5)	1.0 (5)	2.1 (4)	-0.4 (6)
C14	6.6 (5)	15.8 (8)	9.1 (6)	-1.7 (6)	1.0 (4)	4.7 (6)
C15	8.8 (6)	8.9 (7)	11.2 (7)	-2.8 (5)	0.9 (5)	1.7 (6)
C16	7.3 (5)	6.5 (5)	8.2 (5)	-1.4 (4)	1.7 (4)	-0.8 (4)
C20	4.6 (3)	5.5 (4)	5.9 (4)	0.4 (3)	0.2 (3)	0.7 (4)
C21	4.0 (3)	5.7 (4)	4.4 (4)	0.5 (3)	0.5 (3)	0.2 (3)
C22	5.4 (4)	7.5 (5)	5.4 (4)	1.2 (4)	0.5 (3)	0.3 (4)
C23	5.7 (4)	12.0 (7)	5.9 (5)	0.6 (4)	-0.8 (3)	0.0 (5)
C24	6.8 (5)	11.7 (7)	9.5 (6)	-1.5 (5)	-1.2 (4)	-3.2 (6)
C25	8.0 (5)	7.6 (6)	11.3 (7)	-1.7 (4)	-0.8 (5)	-1.2 (5)
C26	6.8 (4)	6.0 (5)	8.7 (6)	-0.6 (4)	-1.6 (4)	1.1 (4)
O1	13.0 (5)	6.9 (4)	11.5 (5)	-0.4 (4)	2.2 (4)	2.7 (4)
O2	6.4 (3)	11.9 (4)	7.8 (3)	-0.4 (3)	-0.36 (24)	-3.4 (4)
O3	6.7 (3)	10.8 (4)	9.7 (4)	4.4 (3)	-0.1 (3)	-1.4 (4)
O4	6.4 (3)	8.7 (4)	10.8 (4)	-1.7 (3)	-0.2 (3)	3.2 (3)
O5	11.5 (4)	7.3 (4)	8.6 (4)	0.8 (3)	-1.7 (3)	-2.9 (3)
H6a	7.2					
H6b	7.2					
H7a	8.3					
H7b	8.3					
H10a	6.3					
H10b	6.3					
H12	8.4					
H13	10.6					
H14	11.5					
H15	10.5					
H16	8.3					
H20a	6.3					
H20b	6.3					
H22	7.1					
H23	8.8					
H24	10.3					
H25	9.9					
H26	8.2					

Anisotropic Temperature Factors are of the form
Temp=-2*Pi*Pi*(h*h*u11*astar*astar+----+2*h*k*u12*astar*bstar+---)

Table 3-2 Anisotropic displacement parameters of **5b**

. Anisotropic displacement parameters [$Å^2$ x 10^3] for 5219.
The anisotropic displacement factor exponent takes the form:
$-2\pi^2$ [$(ha^*)^2U_{11}$ + ... + $2hka^*b^*U_{12}$]

	U11	U22	U33	U23	U13	U12
W	32(1)	28(1)	49(1)	-1(1)	11(1)	-2(1)
P	31(1)	29(1)	40(1)	1(1)	7(1)	-1(1)
N(1)	40(3)	31(3)	60(4)	-9(3)	-7(3)	1(2)
N(2)	37(3)	32(3)	52(3)	-2(2)	1(2)	6(2)
C	40(3)	26(3)	43(4)	4(3)	7(3)	-1(3)
C(1)	54(4)	37(4)	48(4)	2(3)	20(3)	-3(3)
C(2)	57(4)	27(3)	72(5)	-4(3)	7(4)	3(3)
C(3)	40(4)	37(4)	59(5)	-2(3)	12(3)	-5(3)
C(4)	51(4)	34(4)	76(5)	-5(3)	22(4)	-2(3)
C(6)	67(5)	39(4)	63(5)	-9(3)	-1(4)	6(3)
C(7)	58(5)	35(4)	78(5)	-14(4)	0(4)	15(3)
C(10)	54(4)	37(4)	67(5)	8(3)	-12(4)	-2(3)
C(11)	35(3)	40(4)	52(4)	1(3)	-17(3)	4(3)
C(12)	68(5)	53(5)	52(5)	3(4)	-4(4)	-1(4)
C(13)	94(7)	62(6)	77(7)	-18(5)	-26(5)	-11(5)
C(14)	69(6)	57(5)	102(8)	3(5)	-24(5)	-27(4)
C(15)	64(6)	80(6)	90(7)	21(5)	-2(5)	-19(5)
C(16)	66(5)	64(5)	47(5)	-7(4)	-9(4)	-9(4)
C(20)	33(3)	37(3)	54(4)	3(3)	2(3)	0(3)
C(21)	32(3)	32(3)	45(4)	-1(3)	5(3)	2(3)
C(22)	37(4)	50(4)	67(5)	18(4)	6(3)	4(3)
C(23)	55(5)	64(5)	75(6)	24(4)	22(4)	0(4)
C(24)	68(6)	71(5)	56(5)	22(4)	4(4)	13(4)
C(25)	45(4)	79(6)	56(5)	5(4)	-12(4)	9(4)
C(26)	34(4)	57(4)	58(5)	7(4)	1(3)	0(3)
C(31)	32(3)	35(3)	46(4)	6(3)	2(3)	2(3)
C(32)	34(4)	50(4)	64(5)	16(3)	2(3)	-1(3)
C(33)	34(4)	55(5)	85(6)	3(4)	3(4)	-3(3)
C(34)	34(4)	60(5)	68(5)	-10(4)	-6(4)	4(3)
C(35)	54(4)	53(4)	46(4)	0(3)	-1(3)	6(4)
C(36)	40(4)	42(4)	52(4)	-2(3)	6(3)	-5(3)
C(41)	55(4)	27(3)	36(3)	0(3)	14(3)	0(3)
C(42)	61(4)	53(5)	45(4)	11(3)	17(3)	25(3)
C(43)	88(7)	81(6)	62(6)	15(5)	34(5)	45(5)
C(44)	127(8)	55(5)	58(6)	4(4)	40(6)	27(5)
C(45)	92(6)	47(4)	54(5)	-8(4)	13(4)	-16(4)
C(46)	60(4)	44(4)	47(4)	-7(3)	17(3)	-10(4)
C(51)	25(3)	28(3)	46(4)	1(3)	2(3)	-1(2)
C(52)	37(3)	44(4)	43(4)	-4(3)	3(3)	-2(3)
C(53)	49(4)	31(4)	77(6)	-16(4)	4(4)	-1(3)
C(54)	41(4)	37(4)	82(6)	13(4)	6(4)	0(3)
C(55)	48(4)	50(4)	56(5)	16(4)	2(3)	4(3)
C(56)	43(4)	37(3)	47(4)	2(3)	5(3)	2(3)
O(1)	89(4)	72(4)	57(4)	15(3)	16(3)	-1(3)
O(2)	76(4)	57(4)	93(4)	11(3)	-16(3)	16(3)
O(3)	61(3)	50(3)	82(4)	-24(3)	12(3)	3(3)
O(4)	55(3)	57(3)	129(5)	-11(3)	46(3)	-20(3)

Table 3-3 Anisotropic displacement parameters of **6b**

Anisotropic displacement parameters [$Å^2$ x 10^3] for 5226.
The anisotropic displacement factor exponent takes the form:
$-2\pi^2 [(ha^*)^2 U_{11} + ... + 2hka^*b^* U_{12}]$

	U11	U22	U33	U23	U13	U12
W	32(1)	41(1)	40(1)	-6(1)	11(1)	-1(1)
P(1)	39(1)	49(1)	39(1)	-4(1)	10(1)	-1(1)
P	36(1)	40(1)	49(1)	-4(1)	10(1)	-3(1)
N(1)	66(3)	57(3)	53(3)	6(2)	34(2)	13(2)
N(2)	56(3)	50(3)	53(3)	1(2)	22(2)	14(2)
C	40(3)	44(3)	47(3)	-3(2)	13(2)	-1(2)
C(1)	52(3)	49(3)	60(3)	-12(3)	26(3)	-4(3)
C(2)	47(3)	59(3)	60(4)	-8(3)	11(3)	7(3)
C(3)	45(3)	45(3)	66(4)	-9(3)	22(3)	-9(2)
C(6)	82(5)	74(4)	76(4)	-2(4)	48(4)	11(4)
C(7)	74(4)	64(4)	80(4)	0(3)	43(4)	23(3)
C(8)	49(3)	57(3)	47(3)	-13(3)	6(2)	0(3)
C(9)	42(3)	52(3)	60(3)	-6(3)	4(3)	-7(2)
C(10)	69(4)	58(3)	48(3)	-3(3)	26(3)	-5(3)
C(11)	50(3)	52(3)	50(3)	-15(2)	21(3)	-2(2)
C(12)	68(4)	60(4)	56(4)	1(3)	24(3)	2(3)
C(13)	93(6)	75(5)	68(5)	13(4)	19(4)	22(4)
C(14)	93(6)	82(6)	74(5)	-13(4)	0(4)	28(5)
C(15)	82(5)	62(4)	104(6)	-23(4)	12(5)	-8(4)
C(16)	75(4)	58(4)	78(5)	-8(3)	22(4)	-12(3)
C(20)	56(3)	50(3)	49(3)	4(2)	10(3)	11(3)
C(21)	53(3)	51(3)	55(3)	-6(3)	20(3)	11(2)
C(22)	60(4)	64(4)	62(4)	-3(3)	17(3)	12(3)
C(23)	65(4)	83(5)	93(6)	-25(4)	28(4)	-4(4)
C(24)	84(5)	65(5)	135(8)	-15(5)	60(6)	-14(4)
C(25)	98(6)	56(4)	120(7)	15(4)	49(6)	6(4)
C(26)	72(4)	67(4)	78(5)	9(4)	23(4)	13(3)
C(31)	42(3)	42(3)	54(3)	-1(2)	15(2)	-1(2)
C(32)	49(3)	55(3)	78(4)	-11(3)	16(3)	-2(3)
C(33)	71(4)	55(4)	100(6)	-23(4)	24(4)	0(3)
C(34)	70(4)	48(3)	105(6)	-2(3)	40(4)	10(3)
C(35)	46(3)	63(4)	115(6)	-9(4)	13(4)	9(3)
C(36)	50(3)	54(3)	83(5)	-16(3)	4(3)	2(3)
C(41)	39(3)	50(3)	54(3)	-6(2)	15(2)	-10(2)
C(42)	50(3)	53(3)	65(4)	0(3)	16(3)	-1(3)
C(43)	69(4)	63(4)	61(4)	8(3)	20(3)	-9(3)
C(44)	67(4)	73(4)	68(4)	1(3)	30(3)	-18(3)
C(45)	52(3)	75(4)	87(5)	-2(4)	31(3)	-4(3)
C(46)	44(3)	59(4)	78(4)	5(3)	22(3)	1(3)
C(51)	39(3)	49(3)	52(3)	-1(2)	7(2)	4(2)
C(52)	41(3)	54(3)	63(4)	-3(3)	15(3)	-1(2)
C(53)	48(3)	86(5)	77(4)	-12(4)	22(3)	-1(3)
C(54)	48(4)	117(7)	93(6)	-11(5)	15(4)	23(4)
C(55)	57(4)	134(8)	73(5)	7(5)	-3(4)	27(5)
C(56)	58(4)	102(6)	51(4)	-4(3)	9(3)	14(4)
C(61)	46(3)	63(4)	44(3)	2(3)	9(2)	1(3)
C(62)	137(7)	83(5)	56(4)	6(4)	42(5)	-12(5)
C(63)	133(8)	85(6)	80(6)	26(5)	31(6)	-10(5)
C(64)	66(5)	141(9)	73(5)	35(5)	28(4)	3(5)
C(65)	109(7)	157(10)	88(6)	23(6)	66(6)	29(7)
C(66)	97(6)	76(5)	85(5)	6(4)	49(5)	7(4)
O(1)	85(3)	55(3)	118(4)	-17(3)	56(3)	-20(2)

O(2)	64(3)	123(5)	78(3)	-17(3)	-16(3)	31(3)
O(3)	88(3)	85(3)	116(4)	-35(3)	69(3)	-10(3)
C(70)	223(17)	135(11)	214(16)	87(11)	122(14)	21(11)
Cl(1)	155(3)	176(3)	115(2)	12(2)	41(2)	33(2)
Cl(2)	229(5)	196(4)	182(4)	1(3)	-35(4)	-75(4)

Table 3-4 Anisotropic displacement parameters of **9c**

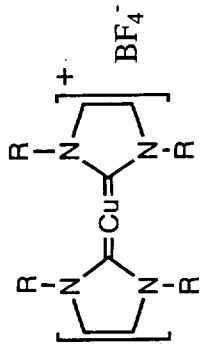
	u11(U)	u22	u33	u12	u13	u23
Pt	4.079(21)	5.284(25)	5.541(24)	0.22(3)	0.816(18)	-0.29(3)
Cl1	5.51 (18)	8.59 (24)	7.92 (22)	0.90(20)	2.65 (16)	-0.71(22)
Cl2	8.6 (3)	9.1 (3)	6.47 (22)	-1.56(22)	0.03 (19)	1.08(20)
N1	5.0 (6)	7.8 (8)	6.0 (6)	0.7 (6)	0.1 (5)	-1.1 (6)
N2	6.1 (7)	9.5 (9)	4.5 (6)	-0.6 (6)	1.5 (5)	-0.6 (6)
C	5.8 (8)	6.4 (8)	5.7 (7)	-0.9 (6)	2.9 (6)	-1.0 (6)
C1	5.0 (8)	12.4 (15)	8.8 (11)	0.1 (9)	0.6 (8)	-1.7 (11)
C6	7.2 (10)	13.0 (16)	7.2 (10)	-1.9 (11)	1.1 (8)	-0.6 (10)
C7	8.1 (10)	12.4 (15)	5.3 (8)	1.1 (10)	0.9 (7)	0.4 (9)
C10	5.7 (8)	5.8 (9)	10.6 (12)	0.4 (7)	0.7 (8)	-1.5 (8)
C11	4.1 (7)	8.6 (11)	8.6 (10)	1.3 (7)	0.1 (7)	-3.1 (9)
C12	4.8 (10)	27.7 (36)	23.6 (28)	-1.4 (16)	2.2 (14)	-13.9 (27)
C13	8.7 (15)	22.3 (30)	20.3 (25)	4.4 (17)	3.8 (16)	-7.0 (23)
C14	4.9 (9)	20.8 (25)	13.3 (17)	2.5 (13)	0.4 (10)	-5.8 (17)
C15	6.3 (14)	32.7 (44)	49.6 (59)	-2.6 (21)	2.6 (23)	-31.1 (45)
C16	6.7 (13)	33.0 (41)	40.3 (45)	-4.8 (19)	6.6 (20)	-30.2 (38)
C20	7.5 (9)	6.5 (9)	6.7 (9)	0.9 (8)	2.1 (7)	-0.1 (7)
C21	5.8 (8)	6.6 (9)	4.3 (7)	0.5 (7)	0.4 (6)	0.6 (6)
C22	7.6 (10)	7.1 (10)	7.3 (10)	-0.9 (8)	-0.1 (8)	-0.9 (8)
C23	5.8 (9)	11.7 (15)	9.8 (12)	-3.1 (10)	0.5 (8)	0.7 (11)
C24	7.4 (11)	14.3 (18)	10.2 (13)	-0.5 (12)	2.7 (10)	-0.7 (13)
C25	10.3 (12)	8.1 (12)	8.9 (11)	1.2 (10)	3.8 (10)	-0.2 (9)
C26	10.6 (12)	6.2 (10)	8.8 (11)	0.8 (9)	5.3 (9)	1.7 (8)
O1	5.8 (7)	17.2 (14)	14.8 (11)	4.2 (8)	1.2 (7)	-2.3 (11)
H6a	10.3					
H6b	10.3					
H7a	8.9					
H7b	8.9					
H10a	8.9					
H10b	8.9					
H12	15.0					
H13	16.4					
H14	13.6					
H15	26.9					
H16	20.8					
H20a	8.0					
H20b	8.0					
H22	8.3					
H23	10.0					
H24	11.6					
H25	10.1					
H26	9.5					

Anisotropic Temperature Factors are of the form
Temp=-2*Pi*Pi*(h*h*u11*astar*astar+---+2*h*k*u12*astar*bstar+---)

Table 3-5 Anisotropic displacement parameters of **11b**

Anisotropic displacement parameters [$Å^2 \times 10^3$] for 5135.
The anisotropic displacement factor exponent takes the form:
$-2\pi^2 [(ha^*)^2 U_{11} + ... + 2hka^*b^* U_{12}]$

	U11	U22	U33	U23	U13	U12
Pt	42(1)	42(1)	45(1)	3(1)	9(1)	4(1)
P	40(1)	42(1)	44(1)	4(1)	4(1)	2(1)
Cl(1)	49(1)	71(1)	83(1)	1(1)	18(1)	12(1)
Cl(2)	87(2)	79(1)	51(1)	16(1)	27(1)	13(1)
N(1)	52(3)	38(3)	49(3)	3(2)	4(2)	0(2)
N(2)	70(4)	46(3)	48(4)	-2(3)	4(3)	-2(3)
C	32(3)	42(3)	49(4)	0(3)	2(3)	7(2)
C(6)	73(5)	64(5)	46(4)	10(3)	4(3)	9(4)
C(7)	88(5)	68(5)	46(4)	-1(3)	7(3)	14(4)
C(10)	57(4)	52(4)	68(5)	5(3)	5(4)	2(3)
C(11)	56(5)	65(5)	54(4)	0(4)	-8(3)	8(4)
C(12)	73(5)	58(5)	103(6)	6(5)	5(5)	17(4)
C(13)	115(8)	104(8)	125(9)	14(7)	19(7)	59(7)
C(14)	155(11)	71(7)	113(8)	1(6)	-7(8)	45(7)
C(15)	149(10)	49(5)	168(11)	10(6)	23(9)	-1(6)
C(16)	109(7)	37(4)	142(8)	12(5)	4(6)	-6(4)
C(20)	58(4)	60(4)	54(4)	-9(3)	-4(3)	-2(3)
C(21)	70(4)	41(4)	55(4)	5(3)	4(3)	-5(3)
C(22)	80(5)	67(5)	68(5)	10(4)	15(4)	11(4)
C(23)	64(5)	91(7)	112(7)	43(6)	21(5)	13(4)
C(24)	80(6)	80(6)	96(7)	30(5)	-10(5)	-28(5)
C(25)	96(8)	81(7)	69(7)	6(5)	-1(6)	-35(6)
C(26)	69(5)	57(5)	58(4)	6(4)	8(4)	-16(4)
C(31)	50(3)	60(4)	44(3)	3(3)	7(3)	-6(3)
C(32)	91(6)	62(5)	88(6)	-19(4)	-16(5)	2(4)
C(33)	126(9)	96(7)	103(8)	-35(6)	-22(7)	-12(6)
C(34)	90(7)	120(8)	69(6)	-16(6)	-2(5)	-34(6)
C(35)	50(4)	151(10)	75(6)	7(6)	-20(4)	-7(5)
C(36)	58(4)	91(6)	67(5)	2(4)	-3(4)	14(4)
C(41)	48(4)	47(3)	54(4)	9(3)	-1(3)	7(3)
C(42)	60(5)	60(5)	85(5)	3(4)	14(4)	17(4)
C(43)	73(5)	69(5)	103(6)	3(5)	16(5)	29(4)
C(44)	108(7)	47(4)	96(7)	7(4)	4(5)	24(5)
C(45)	84(5)	48(4)	87(6)	7(4)	14(4)	-13(4)
C(46)	59(4)	45(4)	75(4)	2(3)	7(3)	-1(3)
C(51)	38(3)	43(3)	52(3)	3(3)	7(3)	4(2)
C(52)	50(3)	44(3)	54(4)	-1(3)	5(3)	0(3)
C(53)	67(4)	50(4)	69(5)	4(4)	21(4)	-6(3)
C(54)	74(7)	67(6)	65(6)	15(4)	30(6)	8(4)
C(55)	65(5)	74(6)	60(5)	-11(4)	17(4)	0(4)
C(56)	45(3)	59(4)	53(4)	-7(3)	8(3)	-5(3)
C(62)	97(6)	77(6)	107(7)	-12(5)	-4(5)	-11(5)
C(61)	98(10)	216(17)	167(14)	-50(12)	22(9)	2(10)
Cl(3)	78(2)	112(2)	137(2)	-44(2)	0(2)	8(2)
Cl(4)	90(1)	83(2)	116(2)	-15(1)	6(1)	11(1)
Cl(5)	124(3)	127(3)	208(4)	-11(3)	22(3)	-14(2)
Cl(6)	147(4)	547(13)	299(7)	-233(8)	-10(4)	132(6)



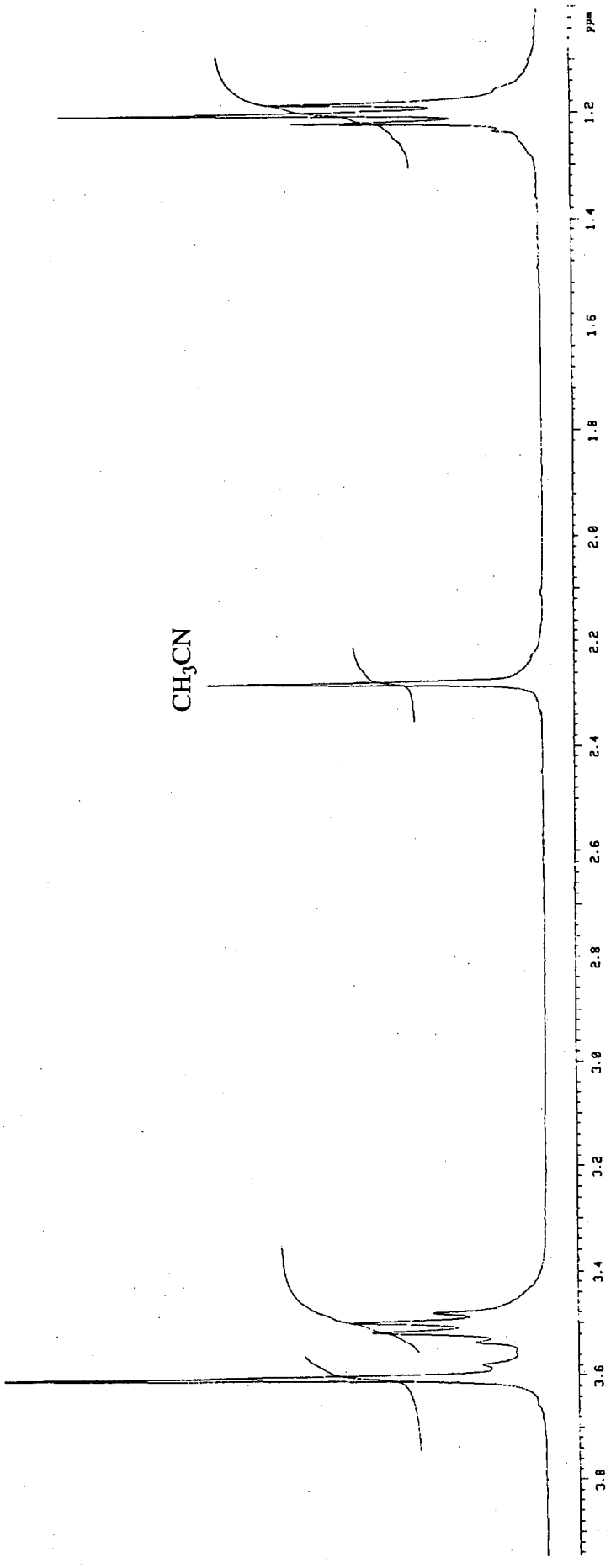
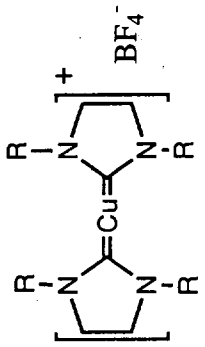


Figure H-1 ^{1}H NMR spectrum of **15a** [R = Et] in $CDCl_3$



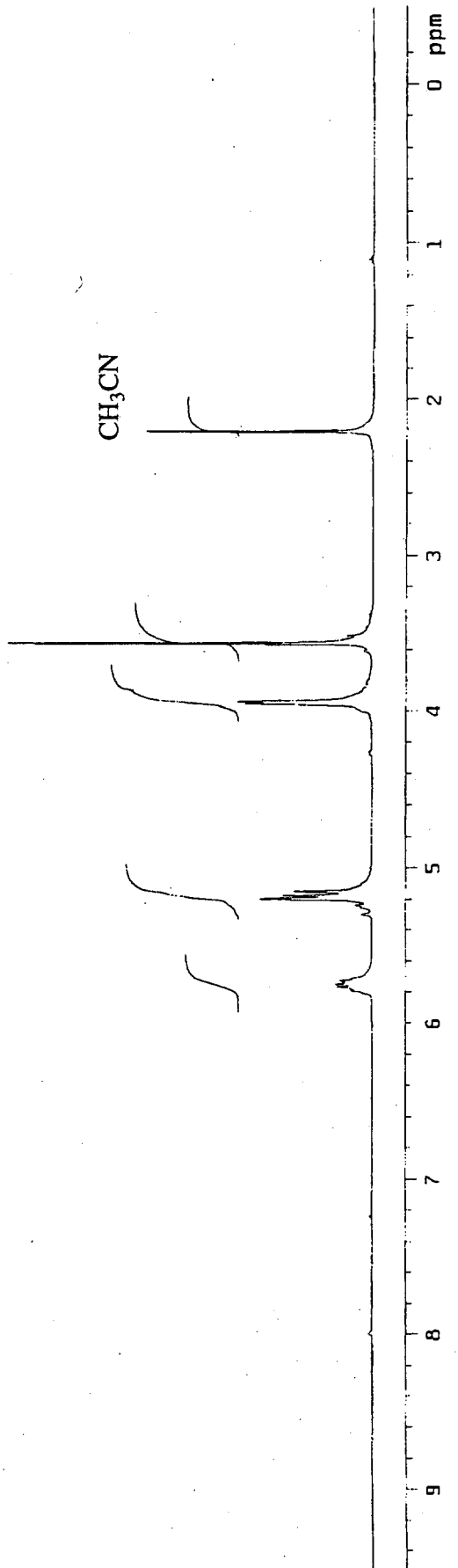


Figure H-2 ^1H NMR spectrum of **15b** [R = allyl] in $CDCl_3$

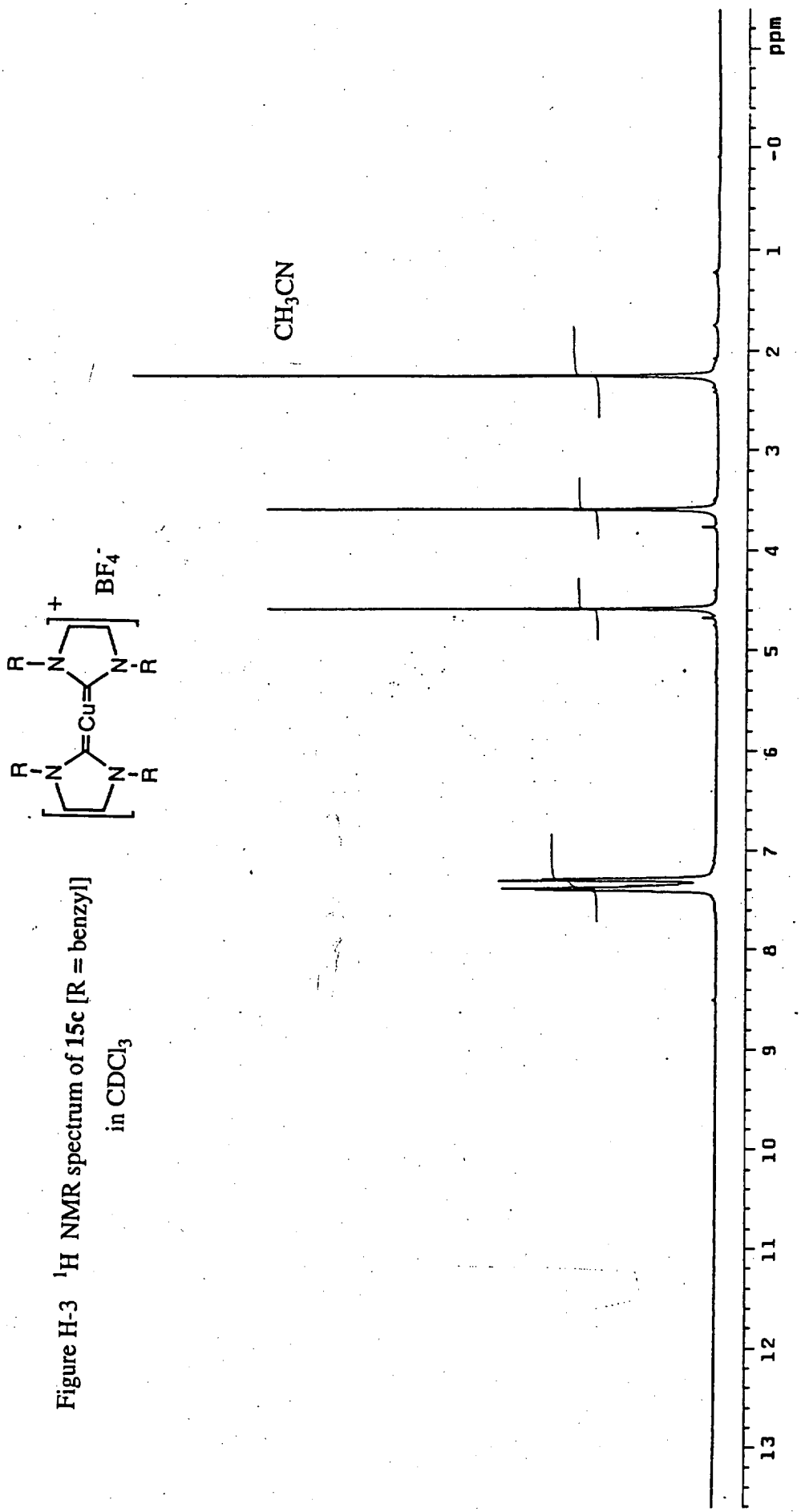


Figure H-3 ^1H NMR spectrum of **15c** [R = benzyl] in $CDCl_3$

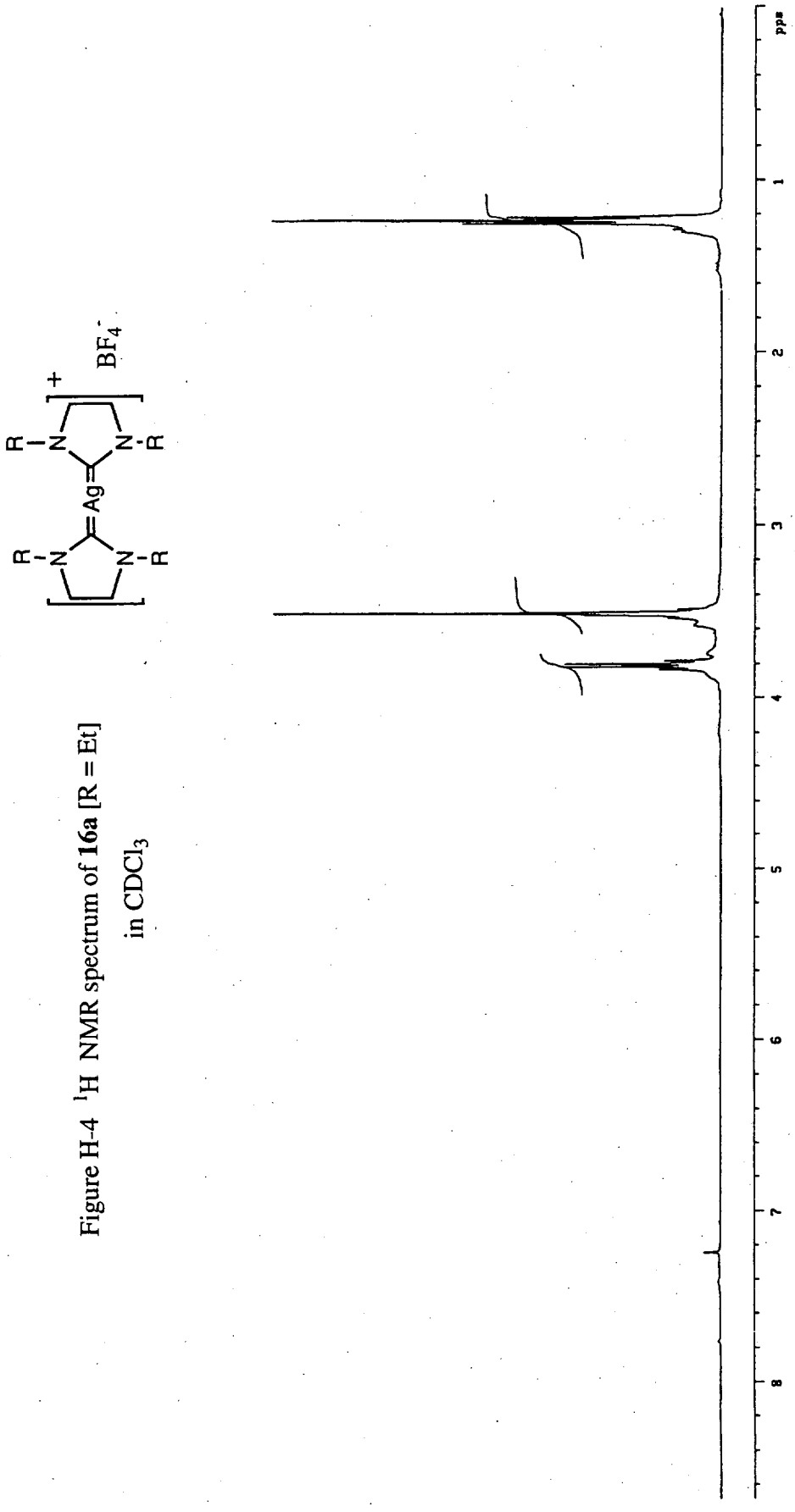
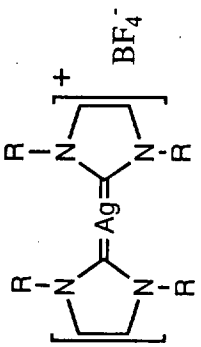


Figure H-4 ^1H NMR spectrum of **16a** [R = Et] in $CDCl_3$



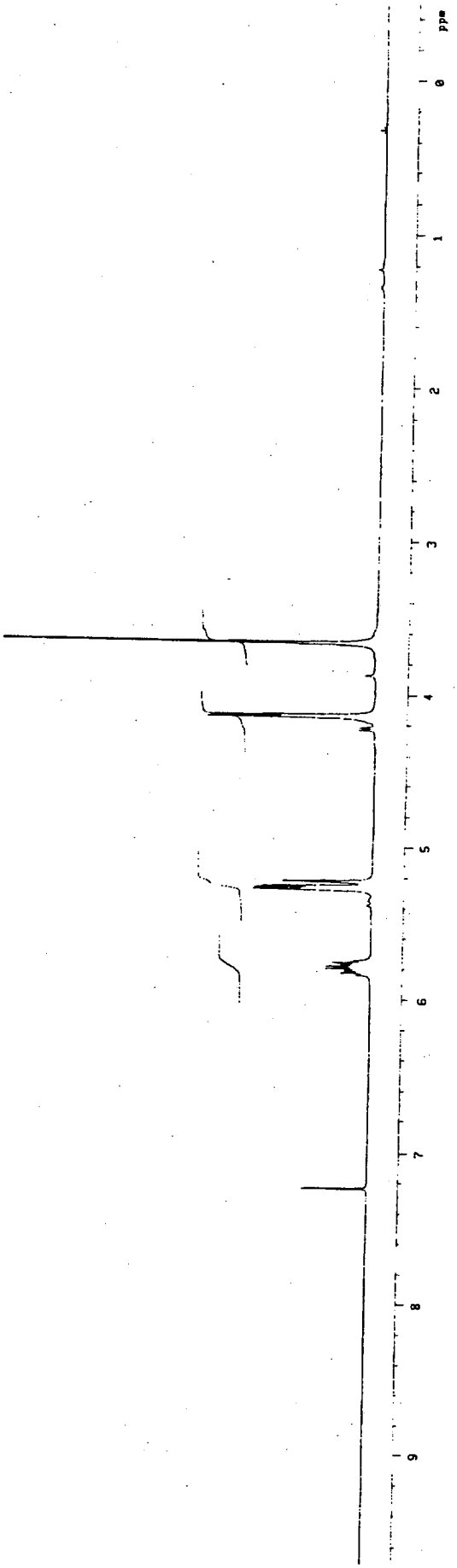


Figure H-5 ^1H NMR spectrum of **16b** [R = allyl] in $CDCl_3$

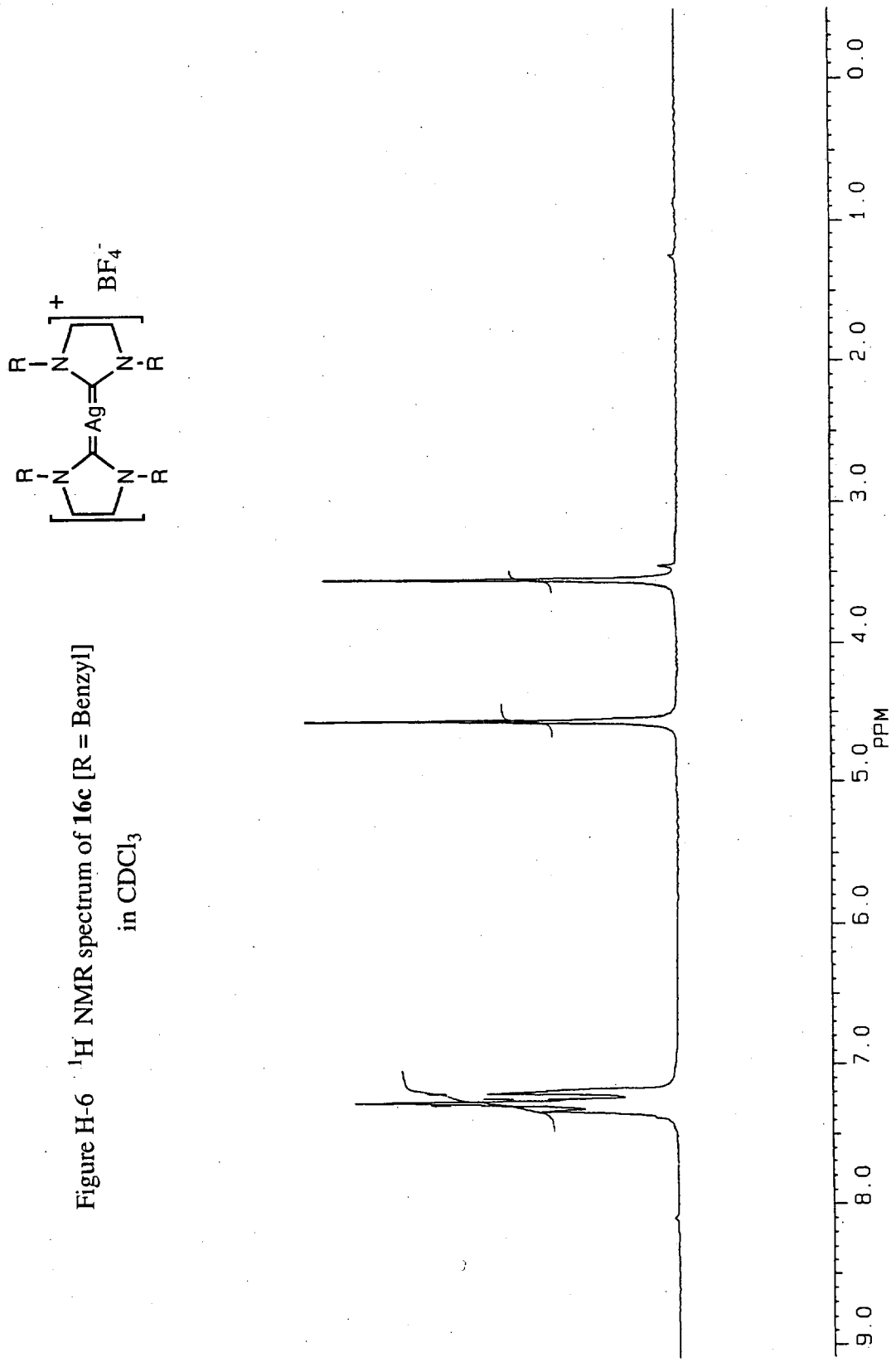


Figure H-6 ^1H NMR spectrum of **16c** [R = Benzyl] in $CDCl_3$