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Table S1. Atomic coordinates ($\times 10^4$) and equivalent isotropic displacement parameters ($\text{\AA}^2 \times 10^3$) for 1. $U(\text{eq})$ is defined as one third of the trace of the orthogonalized U_{ij} tensor.

Atom	x	y	z	$U(\text{eq})$
Pt (1)	1089.0 (3)	5725.1 (3)	0	41.4 (2)
Pt (2)	2238.4 (3)	4886.8 (3)	1193.0 (7)	42.9 (2)
Cl (1)	478 (2)	5637 (3)	-1390 (4)	66 (1)
Cl (2)	2762 (2)	3886 (2)	1067 (4)	67 (2)
P (1)	1937 (2)	6127 (2)	-779 (3)	42 (1)
P (2)	363 (2)	5298 (2)	986 (3)	41 (1)
P (3)	1381 (2)	4443 (2)	1886 (3)	44 (1)
P (4)	2972 (2)	5463 (2)	403 (3)	40 (1)
C (1)	1467 (8)	6046 (8)	1181 (14)	52 (5)
C (2)	1910 (5)	5730 (6)	1609 (8)	52 (5)
C31	2201 (8)	6061 (8)	2461 (10)	90 (7)
C41	2238 (9)	6746 (10)	2640 (16)	139 (12)
C51	2499 (12)	7030 (10)	3473 (20)	156 (14)
C61	2719 (13)	6657 (11)	4148 (19)	140 (12)
C71	2710 (13)	5984 (12)	4005 (18)	144 (13)
C81	2428 (11)	5662 (9)	3195 (18)	104 (9)
C (9)	685 (7)	4946 (9)	2057 (12)	50 (5)
C (10)	2668 (6)	6163 (7)	-119 (12)	36 (4)
C (11)	2171 (5)	5723 (5)	-1843 (8)	61 (5)
C (12)	2619 (6)	5974 (5)	-2439 (9)	85 (7)
C (13)	2815 (6)	5634 (7)	-3210 (9)	94 (8)
C (14)	2564 (7)	5043 (7)	-3385 (9)	92 (8)
C (15)	2115 (7)	4792 (5)	-2790 (10)	86 (7)
C (16)	1919 (6)	5132 (5)	-2019 (9)	58 (5)
C (21)	1783 (7)	6936 (6)	-1150 (11)	60 (5)
C (22)	2156 (7)	7439 (7)	-874 (12)	94 (8)
C (23)	2001 (9)	8047 (6)	-1147 (15)	105 (8)
C (24)	1474 (10)	8151 (7)	-1695 (15)	165 (15)
C (25)	1101 (9)	7648 (10)	-1971 (14)	161 (14)
C (26)	1255 (7)	7041 (8)	-1698 (13)	146 (13)
C (31)	-159 (5)	5917 (5)	1447 (9)	51 (5)
C (32)	-284 (6)	6426 (6)	871 (9)	75 (6)
C (33)	-685 (7)	6901 (5)	1169 (12)	111 (9)

C(34)	-961 (7)	6866 (6)	2042 (13)	100 (8)
C(35)	-836 (7)	6357 (7)	2617 (10)	97 (8)
C(36)	-435 (6)	5882 (6)	2320 (8)	63 (5)
C(41)	-179 (5)	4703 (4)	571 (8)	51 (5)
C(42)	-56 (5)	4396 (5)	-261 (8)	59 (5)
C(43)	-466 (6)	3935 (6)	-581 (8)	69 (6)
C(44)	-998 (6)	3782 (6)	-70 (11)	84 (7)
C(45)	-1121 (5)	4090 (6)	762 (10)	86 (7)
C(46)	-711 (5)	4550 (6)	1082 (8)	68 (6)
C(51)	1528 (5)	4155 (5)	3044 (8)	52 (5)
C(52)	1860 (6)	3594 (5)	3113 (9)	72 (6)
C(53)	2049 (6)	3374 (5)	3977 (11)	103 (9)
C(54)	1906 (7)	3715 (7)	4773 (9)	90 (8)
C(55)	1574 (7)	4275 (7)	4704 (8)	92 (8)
C(56)	1385 (5)	4495 (5)	3839 (9)	75 (6)
C(61)	1039 (5)	3755 (5)	1313 (8)	53 (5)
C(62)	1243 (5)	3549 (6)	447 (9)	65 (5)
C(63)	955 (7)	3036 (6)	28 (9)	84 (7)
C(64)	465 (7)	2728 (5)	473 (11)	78 (7)
C(65)	261 (6)	2933 (6)	1339 (11)	89 (7)
C(66)	548 (6)	3446 (6)	1758 (8)	79 (7)
C(71)	3586 (4)	5752 (5)	1173 (7)	43 (4)
C(72)	3755 (5)	5356 (4)	1898 (8)	48 (4)
C(73)	4213 (6)	5543 (6)	2529 (8)	80 (6)
C(74)	4501 (5)	6126 (6)	2436 (9)	79 (6)
C(75)	4332 (6)	6522 (5)	1710 (10)	79 (7)
C(76)	3875 (5)	6335 (4)	1079 (8)	52 (5)
C(81)	3387 (5)	5115 (5)	-571 (7)	45 (4)
C(82)	3900 (5)	5430 (5)	-943 (9)	65 (6)
C(83)	4212 (5)	5184 (7)	-1709 (9)	72 (6)
C(84)	4011 (7)	4623 (7)	-2102 (8)	92 (8)
C(85)	3498 (7)	4307 (5)	-1729 (9)	85 (7)
C(86)	3185 (5)	4553 (5)	-964 (9)	61 (5)
O(1)	2429 (23)	2849 (6)	-1301 (45)	186 (16)
C(17)	2356 (10)	2211 (7)	-1386 (43)	186 (16)
C(18)	1915 (21)	1700 (21)	-1772 (48)	186 (16)

Table S2. Bond Distances (Å) and Angles (°) for 1

Pt (1) -C(1)	2.00 (2)	Pt (1) -P(2)	2.286 (4)
Pt (1) -P(1)	2.290 (4)	Pt (1) -Cl (1)	2.395 (5)
Pt (2) -C(2)	2.016 (13)	Pt (2) -P(3)	2.284 (5)
Pt (2) -P(4)	2.288 (4)	Pt (2) -Cl (2)	2.409 (5)
P (1) -C(10)	1.826 (15)	P (1) -C(11)	1.827 (11)
P (1) -C(21)	1.832 (13)	P (2) -C(41)	1.813 (10)
P (2) -C(31)	1.846 (11)	P (2) -C(9)	1.848 (18)
P (3) -C(51)	1.805 (12)	P (3) -C(61)	1.831 (11)
P (3) -C(9)	1.843 (17)	P (4) -C(10)	1.790 (15)
P (4) -C(81)	1.814 (11)	P (4) -C(71)	1.821 (10)
C (1) -C(2)	1.311 (21)	C (2) -C(3)	1.543 (5)
C (1) -Pt (1) -P (2)	83.0 (5)	C (1) -Pt (1) -P (1)	88.4 (5)
P (2) -Pt (1) -P (1)	170.0 (2)	C (1) -Pt (1) -Cl (1)	162.8 (5)
P (2) -Pt (1) -Cl (1)	97.0 (2)	P (1) -Pt (1) -Cl (1)	92.7 (2)
C (2) -Pt (2) -P (3)	87.8 (4)	C (2) -Pt (2) -P (4)	84.7 (4)
P (3) -Pt (2) -P (4)	169.7 (2)	C (2) -Pt (2) -Cl (2)	165.6 (3)
P (3) -Pt (2) -Cl (2)	92.1 (2)	P (4) -Pt (2) -Cl (2)	96.9 (2)
C (10) -P (1) -C (11)	103.0 (6)	C (10) -P (1) -C (21)	105.3 (7)
C (11) -P (1) -C (21)	104.2 (6)	C (10) -P (1) -Pt (1)	115.6 (5)
C (11) -P (1) -Pt (1)	116.8 (4)	C (21) -P (1) -Pt (1)	110.7 (5)
C (41) -P (2) -C (31)	103.5 (5)	C (41) -P (2) -C (9)	103.2 (7)
C (31) -P (2) -C (9)	102.2 (7)	C (41) -P (2) -Pt (1)	120.1 (4)
C (31) -P (2) -Pt (1)	110.3 (4)	C (9) -P (2) -Pt (1)	115.5 (5)
C (51) -P (3) -C (61)	102.4 (6)	C (51) -P (3) -C (9)	102.3 (7)
C (61) -P (3) -C (9)	101.9 (7)	C (51) -P (3) -Pt (2)	113.9 (4)
C (61) -P (3) -Pt (2)	116.8 (4)	C (9) -P (3) -Pt (2)	117.4 (6)
C (10) -P (4) -C (81)	101.0 (7)	C (10) -P (4) -C (71)	103.5 (6)
C (81) -P (4) -C (71)	105.1 (5)	C (10) -P (4) -Pt (2)	114.1 (5)
C (81) -P (4) -Pt (2)	119.9 (4)	C (71) -P (4) -Pt (2)	111.6 (4)
C (2) -C (1) -Pt (1)	120.9 (12)	C (1) -C (2) -C (3)	115.3 (14)
C (1) -C (2) -Pt (2)	124.4 (11)	C31 -C (2) -Pt (2)	120.2 (10)
C (8) -C (3) -C (4)	115.7 (12)	C (8) -C (3) -C (2)	116.8 (13)
C (4) -C (3) -C (2)	127 (2)	C (5) -C (4) -C (3)	125 (2)
C (6) -C (5) -C (4)	119 (2)	C (5) -C (6) -C (7)	119 (2)

C(6) -C(7) -C(8)	125(2)	C(3) -C(8) -C(7)	116.3(14)
P(3) -C(9) -P(2)	114.9(9)	P(4) -C(10) -P(1)	119.4(8)
C(12) -C(11) -P(1)	121.6(7)	C(16) -C(11) -P(1)	118.2(7)
C(22) -C(21) -P(1)	122.6(8)	C(26) -C(21) -P(1)	117.4(8)
C(32) -C(31) -P(2)	117.1(7)	C(36) -C(31) -P(2)	122.9(7)
C(42) -C(41) -P(2)	119.5(6)	C(46) -C(41) -P(2)	120.5(6)
C(52) -C(51) -P(3)	116.5(6)	C(56) -C(51) -P(3)	123.2(6)
C(62) -C(61) -P(3)	122.1(7)	C(66) -C(61) -P(3)	117.8(7)
C(72) -C(71) -P(4)	116.0(6)	C(76) -C(71) -P(4)	124.0(6)
C(82) -C(81) -P(4)	118.9(6)	C(86) -C(81) -P(4)	121.0(6)
O(1) -C(17) -C(18)	143(4)		

Table S3. Anisotropic displacement parameters ($\text{\AA}^2 \times 10^3$) for 1. The anisotropic displacement factor exponent takes the form: $-2\pi^2[h^2a^2U11 + \dots + 2hka^*b^*U12]$

	U11	U22	U33	U23	U13	U12
Pt(1)	35(1)	58(1)	31(1)	-1(1)	-2(1)	-3(1)
Pt(2)	37(1)	46(1)	46(1)	4(1)	4(1)	1(1)
Cl(1)	58(3)	99(4)	43(3)	5(3)	-15(2)	-14(3)
Cl(2)	51(2)	58(3)	92(4)	17(3)	18(3)	10(2)
P(1)	42(2)	45(2)	38(2)	10(2)	-6(2)	-3(2)
P(2)	33(2)	55(3)	36(3)	-1(2)	3(2)	4(2)
P(3)	35(2)	59(3)	38(3)	3(2)	1(2)	5(2)
P(4)	35(2)	40(2)	44(3)	0(2)	1(2)	1(2)
C(1)	68(11)	46(9)	41(10)	12(10)	22(10)	0(9)
C(2)	32(8)	73(12)	51(11)	19(10)	13(9)	-1(9)
C(9)	37(9)	81(13)	33(9)	-3(10)	2(8)	8(9)
C(10)	22(7)	46(9)	40(10)	6(8)	-2(8)	4(7)

Table S4. Calculated Hydrogen Atom Positional ($\times 10^4$) and Thermal ($\times 10^3$) Parameters for 1.

Atom	x	y	z	Ueq
H(1)	1327(8)	6424(8)	1430(14)	62
H41	2082(9)	7015(10)	2185(16)	166
H51	2514(12)	7465(10)	3536(20)	187
H61	2874(13)	6828(11)	4697(19)	168
H71	2897(13)	5734(12)	4457(18)	173
H81	2399(11)	5226(9)	3162(18)	125
H(9A)	795(7)	5282(9)	2482(12)	60
H(9B)	358(7)	4697(9)	2349(12)	60
H(10A)	2991(6)	6327(7)	-530(12)	43
H(10B)	2611(6)	6470(7)	371(12)	43
H(12)	2787(8)	6370(6)	-2322(13)	102
H(13)	3115(8)	5803(10)	-3609(12)	113
H(14)	2695(10)	4816(9)	-3901(10)	110
H(15)	1947(10)	4397(6)	-2907(13)	103
H(16)	1619(7)	4964(7)	-1620(11)	69
H(22)	2508(8)	7370(10)	-507(16)	113
H(23)	2251(12)	8383(7)	-962(20)	125
H(24)	1370(14)	8558(8)	-1878(20)	198
H(25)	748(11)	7718(13)	-2338(19)	193
H(26)	1006(9)	6704(10)	-1882(18)	175
H(32)	-99(9)	6449(8)	287(9)	90
H(33)	-769(10)	7241(7)	784(15)	133
H(34)	-1230(8)	7184(8)	2240(17)	119
H(35)	-1021(9)	6334(10)	3201(11)	116
H(36)	-351(8)	5542(7)	2705(10)	76
H(42)	300(6)	4498(7)	-603(10)	71
H(43)	-383(9)	3730(8)	-1138(10)	83
H(44)	-1272(7)	3474(7)	-284(14)	101
H(45)	-1477(6)	3987(8)	1105(13)	103
H(46)	-793(7)	4756(7)	1639(9)	82
H(52)	1956(8)	3366(7)	2581(11)	86
H(53)	2271(8)	2999(7)	4023(14)	124

H(54)	2033 (9)	3567 (9)	5351 (10)	109
H(55)	1478 (9)	4503 (9)	5236 (9)	111
H(56)	1163 (8)	4871 (6)	3793 (12)	89
H(62)	1571 (7)	3756 (7)	149 (11)	78
H(63)	1091 (9)	2899 (8)	-551 (10)	101
H(64)	272 (9)	2384 (7)	192 (14)	94
H(65)	-67 (7)	2727 (8)	1637 (14)	106
H(66)	412 (8)	3583 (8)	2337 (9)	95
H(72)	3562 (7)	4966 (5)	1961 (11)	57
H(73)	4326 (8)	5277 (8)	3015 (9)	96
H(74)	4807 (7)	6250 (9)	2858 (11)	95
H(75)	4525 (8)	6912 (6)	1648 (13)	95
H(76)	3761 (7)	6600 (6)	594 (10)	63
H(82)	4035 (7)	5806 (6)	-680 (11)	78
H(83)	4556 (7)	5395 (9)	-1958 (12)	86
H(84)	4220 (8)	4458 (9)	-2614 (10)	111
H(85)	3363 (9)	3931 (6)	-1993 (12)	102
H(86)	2842 (7)	4342 (7)	-714 (11)	73
H(1A)	2553 (356)	2995 (52)	-1795 (169)	279
H(17A)	2398 (10)	2078 (7)	-745 (43)	223
H(17B)	2751 (10)	2094 (7)	-1673 (43)	223
H(18A)	2088 (21)	1293 (21)	-1643 (48)	279
H(18B)	1870 (21)	1753 (21)	-2430 (48)	279
H(18C)	1510 (21)	1737 (21)	-1482 (48)	279

Table S5. Atomic coordinates ($\times 10^4$) and equivalent isotropic displacement parameters ($\text{\AA}^2 \times 10^3$) for 3. $U(\text{eq})$ is defined as one third of the trace of the orthogonalized U_{ij} tensor.

Atom	x	y	z	$U(\text{eq})$	Occu
Pt(1)	8029.0(3)	1239.3(4)	3968.0(2)	43.6(2)	
Pt(2)	7896.1(3)	891.1(4)	5117.9(2)	43.8(2)	
P(1)	7693(2)	2884(2)	4011(1)	46(1)	
P(2)	8377(2)	-407(2)	3947(1)	43(1)	
P(3)	8315(2)	-721(2)	5102(1)	43(1)	
P(4)	7553(2)	2534(2)	5141(1)	45(1)	
O(1)	8740(4)	1232(6)	4766(3)	43(2)	
C(10)	7918(7)	3316(9)	4703(4)	49(3)	
C(20)	8865(7)	-854(9)	4631(4)	48(3)	
C(1)	7402(8)	1193(9)	3227(5)	52(3)	
C(2)	6988(8)	1215(10)	2776(5)	58(4)	
C(3)	7159(8)	513(9)	5487(5)	55(3)	
C(4)	6746(8)	338(10)	5766(5)	57(4)	
C(11)	6486(7)	1296(9)	2231(5)	51(3)	
C(12)	6468(8)	569(11)	1852(5)	71(4)	
C(13)	6037(9)	697(12)	1322(6)	88(5)	
C(14)	5631(9)	1540(11)	1176(7)	82(5)	
C(15)	5614(9)	2251(12)	1528(6)	85(5)	
C(16)	6048(9)	2150(12)	2057(6)	84(5)	
C(21)	6262(8)	190(11)	6096(5)	62(4)	
C(22)	6595(10)	158(12)	6651(6)	81(5)	
C(23)	6126(11)	5(13)	6978(7)	97(6)	
C(24)	5371(10)	-108(13)	6757(7)	93(5)	
C(25)	5009(11)	-44(13)	6212(7)	96(5)	
C(26)	5486(9)	90(12)	5892(7)	82(5)	
C(1a)	6696(7)	3238(9)	3692(5)	47(3)	
C(2a)	6118(8)	2542(11)	3544(5)	65(4)	
C(3a)	5349(10)	2801(13)	3296(6)	82(5)	
C(4a)	5181(9)	3781(12)	3211(6)	77(4)	
C(5a)	5729(9)	4515(12)	3352(6)	70(4)	
C(6a)	6499(8)	4246(11)	3600(5)	63(4)	
C(1b)	8215(7)	3753(9)	3698(5)	50(3)	
C(2b)	8654(8)	4506(10)	3961(5)	62(4)	

C(3b)	8996 (9)	5151 (13)	3686 (6)	84 (5)
C(4b)	8903 (10)	4974 (13)	3155 (7)	85 (5)
C(5b)	8483 (9)	4204 (12)	2894 (7)	84 (5)
C(6b)	8117 (8)	3573 (11)	3157 (6)	70 (4)
C(1c)	7602 (7)	-1290 (10)	3646 (5)	53 (3)
C(2c)	6840 (8)	-1017 (10)	3472 (5)	58 (4)
C(3c)	6263 (10)	-1698 (13)	3230 (6)	84 (5)
C(4c)	6472 (10)	-2656 (13)	3169 (7)	90 (5)
C(5c)	7236 (11)	-2953 (15)	3345 (7)	100 (6)
C(6c)	7799 (9)	-2258 (12)	3593 (6)	77 (4)
C(1d)	9050 (7)	-685 (9)	3578 (5)	47 (3)
C(2d)	8761 (8)	-577 (11)	3016 (5)	66 (4)
C(3d)	9239 (10)	-882 (13)	2717 (7)	89 (5)
C(4d)	9931 (10)	-1264 (12)	2949 (6)	85 (5)
C(5d)	10235 (10)	-1377 (12)	3500 (6)	87 (5)
C(6d)	9766 (8)	-1061 (10)	3810 (6)	63 (4)
C(1e)	7601 (7)	-1721 (9)	4920 (5)	48 (3)
C(2e)	6822 (8)	-1508 (11)	4764 (5)	64 (4)
C(3e)	6296 (9)	-2282 (12)	4612 (6)	78 (5)
C(4e)	6556 (10)	-3212 (13)	4610 (6)	84 (5)
C(5e)	7332 (10)	-3445 (14)	4771 (7)	96 (5)
C(6e)	7875 (10)	-2674 (12)	4943 (6)	83 (5)
C(1f)	8965 (7)	-1107 (9)	5746 (5)	51 (3)
C(2f)	8778 (9)	-830 (12)	6195 (6)	75 (4)
C(3f)	9223 (10)	-1194 (13)	6690 (7)	96 (5)
C(4f)	9867 (10)	-1754 (13)	6737 (7)	96 (5)
C(5f)	10069 (11)	-2011 (14)	6298 (7)	101 (6)
C(6f)	9631 (9)	-1665 (12)	5794 (6)	79 (4)
C(1g)	6532 (7)	2860 (9)	4941 (5)	47 (3)
C(2g)	5965 (8)	2153 (10)	4783 (5)	60 (4)
C(3g)	5183 (9)	2433 (12)	4615 (6)	76 (4)
C(4g)	4991 (9)	3420 (12)	4612 (6)	75 (4)
C(5g)	5546 (8)	4106 (12)	4766 (6)	71 (4)
C(6g)	6340 (8)	3860 (10)	4951 (5)	61 (4)
C(1h)	7946 (7)	3035 (9)	5808 (5)	50 (3)
C(2h)	7669 (9)	2683 (11)	6200 (6)	68 (4)
C(3h)	7997 (9)	2967 (12)	6738 (6)	77 (4)
C(4h)	8555 (10)	3615 (13)	6847 (7)	86 (5)
C(5h)	8837 (13)	4040 (17)	6480 (8)	126 (7)
C(6h)	8527 (10)	3730 (13)	5941 (7)	87 (5)

Cl (1)	9894 (2)	3018 (3)	5219 (2)	74 (1)	
O (2)	9214 (9)	5374 (12)	5247 (6)	50 (4)	0.5
O (3)	7582 (12)	-875 (19)	1190 (8)	52 (5)	0.5
C (31)	7435 (44)	-1215 (42)	1066 (28)	156 (11)	0.5
C (32)	7060 (27)	-2246 (33)	1058 (14)	156 (11)	0.5
C (33)	6793 (18)	-2360 (41)	1557 (16)	156 (11)	0.5
C (34)	7490 (28)	-2220 (28)	2064 (13)	156 (11)	0.5
C (35)	7901 (24)	-3226 (37)	2227 (17)	156 (11)	0.5
C (36)	7989 (20)	-1033 (46)	1310 (20)	128 (5)	0.5
O (4)	7225 (21)	-799 (32)	1046 (17)	128 (5)	0.5
C (37)	7298 (24)	-2725 (29)	1381 (18)	128 (5)	0.5
O (5)	7714 (18)	-1964 (25)	1245 (12)	128 (5)	0.5
C (38)	6541 (12)	-2382 (22)	1604 (7)	128 (5)	
O (6)	6987 (17)	-2223 (25)	2129 (8)	128 (5)	0.5
O (6A)	7171 (16)	-2580 (25)	2048 (9)	128 (5)	0.5

Each phenyl ring carbon atoms are numbered from 1 to 6 with the suffix a to h so that the atoms with the same suffix belong to one ring.

Table S6. Bond Distances (Å) and Angles (°) for 3.

Pt (1) -Pt (2)	3.1431 (7)	Pt (1) -C(1)	1.931 (13)
Pt (1) -O(1)	2.098 (7)	Pt (1) -P(1)	2.307 (3)
Pt (1) -P(2)	2.309 (3)	Pt (2) -C(3)	1.951 (14)
Pt (2) -O(1)	2.074 (7)	Pt (2) -P(4)	2.302 (3)
Pt (2) -P(3)	2.303 (3)	P(1) -C(1a)	1.812 (12)
P(1) -C(10)	1.834 (12)	P(1) -C(1b)	1.852 (13)
P(2) -C(1d)	1.823 (12)	P(2) -C(1c)	1.828 (13)
P(2) -C(20)	1.842 (12)	P(3) -C(1f)	1.818 (12)
P(3) -C(20)	1.827 (11)	P(3) -C(1e)	1.830 (13)
P(4) -C(1h)	1.809 (12)	P(4) -C(1g)	1.822 (12)
P(4) -C(10)	1.829 (12)	C(1) -C(2)	1.19 (2)
C(2) -C(11)	1.45 (2)	C(3) -C(4)	1.22 (2)
C(4) -C(21)	1.43 (2)	C(11) -C(12)	1.39 (2)
C(11) -C(16)	1.39 (2)	C(12) -C(13)	1.38 (2)
C(13) -C(14)	1.34 (2)	C(14) -C(15)	1.34 (2)
C(15) -C(16)	1.38 (2)	C(21) -C(26)	1.35 (2)
C(21) -C(22)	1.40 (2)	C(22) -C(23)	1.40 (2)
C(23) -C(24)	1.33 (2)	C(24) -C(25)	1.38 (2)
C(25) -C(26)	1.40 (2)	C(1a) -C(2a)	1.37 (2)
C(1a) -C(6a)	1.40 (2)	C(2a) -C(3a)	1.39 (2)
C(3a) -C(4a)	1.36 (2)	C(4a) -C(5a)	1.37 (2)
C(5a) -C(6a)	1.40 (2)	C(1b) -C(2b)	1.34 (2)
C(1b) -C(6b)	1.40 (2)	C(2b) -C(3b)	1.40 (2)
C(3b) -C(4b)	1.38 (2)	C(4b) -C(5b)	1.34 (2)
C(5b) -C(6b)	1.39 (2)	C(1c) -C(6c)	1.37 (2)
C(1c) -C(2c)	1.37 (2)	C(2c) -C(3c)	1.39 (2)
C(3c) -C(4c)	1.37 (2)	C(4c) -C(5c)	1.38 (2)
C(5c) -C(6c)	1.39 (2)	C(1d) -C(6d)	1.35 (2)
C(1d) -C(2d)	1.42 (2)	C(2d) -C(3d)	1.40 (2)
C(3d) -C(4d)	1.32 (2)	C(4d) -C(5d)	1.39 (2)
C(5d) -C(6d)	1.42 (2)	C(1e) -C(6e)	1.37 (2)
C(1e) -C(2e)	1.38 (2)	C(2e) -C(3e)	1.39 (2)
C(3e) -C(4e)	1.34 (2)	C(4e) -C(5e)	1.38 (2)
C(5e) -C(6e)	1.41 (2)	C(1f) -C(2f)	1.38 (2)
C(1f) -C(6f)	1.40 (2)	C(2f) -C(3f)	1.39 (2)
C(3f) -C(4f)	1.37 (2)	C(4f) -C(5f)	1.36 (2)
C(5f) -C(6f)	1.40 (2)	C(1g) -C(2g)	1.37 (2)
C(1g) -C(6g)	1.39 (2)	C(2g) -C(3g)	1.41 (2)

C(3g) - C(4g)	1.37(2)	C(4g) - C(5g)	1.34(2)
C(5g) - C(6g)	1.41(2)	C(1h) - C(2h)	1.37(2)
C(1h) - C(6h)	1.37(2)	C(2h) - C(3h)	1.41(2)
C(3h) - C(4h)	1.30(2)	C(4h) - C(5h)	1.35(2)
C(5h) - C(6h)	1.42(2)		
C(1) - Pt(1) - O(1)	177.3(4)	C(1) - Pt(1) - P(1)	89.9(4)
O(1) - Pt(1) - P(1)	92.7(2)	C(1) - Pt(1) - P(2)	91.5(4)
O(1) - Pt(1) - P(2)	86.0(2)	P(1) - Pt(1) - P(2)	178.64(12)
C(1) - Pt(1) - Pt(2)	140.3(4)	O(1) - Pt(1) - Pt(2)	40.8(2)
P(1) - Pt(1) - Pt(2)	89.76(8)	P(2) - Pt(1) - Pt(2)	89.02(8)
C(3) - Pt(2) - O(1)	175.8(4)	C(3) - Pt(2) - P(4)	90.2(4)
O(1) - Pt(2) - P(4)	92.5(2)	C(3) - Pt(2) - P(3)	92.6(4)
O(1) - Pt(2) - P(3)	84.5(2)	P(4) - Pt(2) - P(3)	176.52(12)
C(3) - Pt(2) - Pt(1)	141.9(4)	O(1) - Pt(2) - Pt(1)	41.4(2)
P(4) - Pt(2) - Pt(1)	89.10(8)	P(3) - Pt(2) - Pt(1)	89.88(8)
C(1a) - P(1) - C(10)	105.0(6)	C(1a) - P(1) - C(1b)	101.9(6)
C(10) - P(1) - C(1b)	104.7(6)	C(1a) - P(1) - Pt(1)	118.2(4)
C(10) - P(1) - Pt(1)	111.8(4)	C(1b) - P(1) - Pt(1)	113.8(4)
C(1d) - P(2) - C(1c)	101.0(6)	C(1d) - P(2) - C(20)	104.5(5)
C(1c) - P(2) - C(20)	106.6(6)	C(1d) - P(2) - Pt(1)	116.3(4)
C(1c) - P(2) - Pt(1)	117.0(4)	C(20) - P(2) - Pt(1)	110.1(4)
C(1f) - P(3) - C(20)	105.6(6)	C(1f) - P(3) - C(1e)	103.8(6)
C(20) - P(3) - C(1e)	104.2(6)	C(1f) - P(3) - Pt(2)	112.1(4)
C(20) - P(3) - Pt(2)	111.1(4)	C(1e) - P(3) - Pt(2)	119.0(4)
C(1h) - P(4) - C(1g)	104.6(6)	C(1h) - P(4) - C(10)	106.5(6)
C(1g) - P(4) - C(10)	102.5(6)	C(1h) - P(4) - Pt(2)	110.8(4)
C(1g) - P(4) - Pt(2)	119.0(4)	C(10) - P(4) - Pt(2)	112.4(4)
Pt(2) - O(1) - Pt(1)	97.8(3)	P(4) - C(10) - P(1)	115.4(7)
P(3) - C(20) - P(2)	115.4(6)	C(2) - C(1) - Pt(1)	175.7(12)
C(1) - C(2) - C(11)	177.1(14)	C(4) - C(3) - Pt(2)	172.7(12)
C(3) - C(4) - C(21)	177.0(14)	C(12) - C(11) - C(16)	117.5(13)
C(12) - C(11) - C(2)	121.7(12)	C(16) - C(11) - C(2)	120.6(12)
C(13) - C(12) - C(11)	121.0(13)	C(14) - C(13) - C(12)	119(2)
C(15) - C(14) - C(13)	122(2)	C(14) - C(15) - C(16)	120(2)
C(15) - C(16) - C(11)	120.2(14)	C(26) - C(21) - C(22)	118.3(14)
C(26) - C(21) - C(4)	122.4(14)	C(22) - C(21) - C(4)	119.3(13)
C(21) - C(22) - C(23)	120(2)	C(24) - C(23) - C(22)	120(2)
C(23) - C(24) - C(25)	123(2)	C(24) - C(25) - C(26)	117(2)
C(21) - C(26) - C(25)	123(2)	C(2a) - C(1a) - C(6a)	118.5(12)

C(2a) - C(1a) - P(1)	121.5 (10)	C(6a) - C(1a) - P(1)	120.0 (10)
C(1a) - C(2a) - C(3a)	122.3 (14)	C(4a) - C(3a) - C(2a)	118 (2)
C(3a) - C(4a) - C(5a)	123 (2)	C(4a) - C(5a) - C(6a)	119 (2)
C(5a) - C(6a) - C(1a)	119.8 (13)	C(2b) - C(1b) - C(6b)	121.5 (13)
C(2b) - C(1b) - P(1)	123.6 (10)	C(6b) - C(1b) - P(1)	114.9 (10)
C(1b) - C(2b) - C(3b)	119.5 (13)	C(4b) - C(3b) - C(2b)	119 (2)
C(5b) - C(4b) - C(3b)	122 (2)	C(4b) - C(5b) - C(6b)	120 (2)
C(5b) - C(6b) - C(1b)	118.1 (14)	C(6c) - C(1c) - C(2c)	119.4 (13)
C(6c) - C(1c) - P(2)	118.1 (11)	C(2c) - C(1c) - P(2)	122.4 (11)
C(1c) - C(2c) - C(3c)	121.3 (14)	C(4c) - C(3c) - C(2c)	118 (2)
C(3c) - C(4c) - C(5c)	121 (2)	C(4c) - C(5c) - C(6c)	119 (2)
C(1c) - C(6c) - C(5c)	121 (2)	C(6d) - C(1d) - C(2d)	120.2 (12)
C(6d) - C(1d) - P(2)	123.3 (10)	C(2d) - C(1d) - P(2)	116.2 (10)
C(3d) - C(2d) - C(1d)	117.5 (14)	C(4d) - C(3d) - C(2d)	122 (2)
C(3d) - C(4d) - C(5d)	123 (2)	C(4d) - C(5d) - C(6d)	117 (2)
C(1d) - C(6d) - C(5d)	121.4 (13)	C(6e) - C(1e) - C(2e)	122.4 (14)
C(6e) - C(1e) - P(3)	117.2 (11)	C(2e) - C(1e) - P(3)	120.4 (10)
C(1e) - C(2e) - C(3e)	118.9 (14)	C(4e) - C(3e) - C(2e)	119 (2)
C(3e) - C(4e) - C(5e)	123 (2)	C(4e) - C(5e) - C(6e)	119 (2)
C(1e) - C(6e) - C(5e)	118 (2)	C(2f) - C(1f) - C(6f)	120.4 (13)
C(2f) - C(1f) - P(3)	117.4 (11)	C(6f) - C(1f) - P(3)	122.2 (10)
C(1f) - C(2f) - C(3f)	119 (2)	C(4f) - C(3f) - C(2f)	121 (2)
C(5f) - C(4f) - C(3f)	121 (2)	C(4f) - C(5f) - C(6f)	120 (2)
C(1f) - C(6f) - C(5f)	119 (2)	C(2g) - C(1g) - C(6g)	120.5 (12)
C(2g) - C(1g) - P(4)	121.7 (10)	C(6g) - C(1g) - P(4)	117.9 (10)
C(1g) - C(2g) - C(3g)	120.3 (14)	C(4g) - C(3g) - C(2g)	119 (2)
C(5g) - C(4g) - C(3g)	120 (2)	C(4g) - C(5g) - C(6g)	123 (2)
C(1g) - C(6g) - C(5g)	117.1 (13)	C(2h) - C(1h) - C(6h)	118.6 (13)
C(2h) - C(1h) - P(4)	118.4 (11)	C(6h) - C(1h) - P(4)	122.9 (11)
C(1h) - C(2h) - C(3h)	121.7 (14)	C(4h) - C(3h) - C(2h)	118 (2)
C(3h) - C(4h) - C(5h)	125 (2)	C(4h) - C(5h) - C(6h)	118 (2)
C(1h) - C(6h) - C(5h)	120 (2)		

Table S7. Anisotropic displacement parameters ($\text{\AA}^2 \times 10^3$) for **3**. The anisotropic displacement factor exponent takes the form: $-2\pi^2[h^2a^{*2}U_{11} + \dots + 2hka^*b^*U_{12}]$

Atom	U11	U22	U33	U23	U13	U12
Pt(1)	52(1)	40(1)	37(1)	0(1)	12(1)	6(1)
Pt(2)	51(1)	40(1)	43(1)	0(1)	19(1)	3(1)
P(1)	51(2)	37(2)	49(2)	2(2)	17(2)	3(2)
P(2)	49(2)	40(2)	40(2)	1(1)	13(2)	5(2)
P(3)	43(2)	41(2)	47(2)	2(2)	17(2)	2(2)
P(4)	49(2)	44(2)	44(2)	-5(2)	16(2)	4(2)
O(1)	52(5)	42(5)	33(4)	-10(4)	11(4)	-12(4)
C(1)	67(9)	30(7)	54(8)	-2(6)	15(7)	6(6)
C(2)	74(10)	57(9)	36(7)	3(6)	5(7)	7(8)
C(3)	61(9)	44(8)	62(8)	-9(7)	23(8)	7(7)
C(4)	75(10)	51(8)	57(8)	-6(7)	36(8)	7(7)
Cl(1)	68(2)	65(2)	87(3)	-6(2)	20(2)	1(2)
O(2)	48(10)	46(10)	64(11)	4(8)	29(9)	-6(8)
O(3)	34(11)	72(14)	48(12)	1(10)	11(10)	5(11)

Table S8. Calculated Hydrogen Atom Positional ($\times 10^4$) and Thermal ($\times 10^3$) Parameters for 3.

Atom	x	y	z	Ueq
H(1)	8974 (4)	1876 (6)	4879 (3)	132 (9)
H(10A)	8474 (7)	3366 (9)	4856 (4)	132 (9)
H(10B)	7707 (7)	3979 (9)	4699 (4)	132 (9)
H(20A)	8990 (7)	-1552 (9)	4612 (4)	132 (9)
H(20B)	9349 (7)	-497 (9)	4771 (4)	132 (9)
H(12)	6749 (8)	-14 (11)	1957 (5)	132 (9)
H(13)	6029 (9)	207 (12)	1071 (6)	132 (9)
H(14)	5352 (9)	1633 (11)	817 (7)	132 (9)
H(15)	5309 (9)	2812 (12)	1415 (6)	132 (9)
H(16)	6049 (9)	2655 (12)	2299 (6)	132 (9)
H(22)	7126 (10)	239 (12)	6803 (6)	132 (9)
H(23)	6344 (11)	-18 (13)	7348 (7)	132 (9)
H(24)	5071 (10)	-236 (13)	6979 (7)	132 (9)
H(25)	4475 (11)	-89 (13)	6067 (7)	132 (9)
H(26)	5261 (9)	112 (12)	5523 (7)	132 (9)
H(2a)	6244 (8)	1875 (11)	3612 (5)	132 (9)
H(3a)	4964 (10)	2319 (13)	3192 (6)	132 (9)
H(4a)	4669 (9)	3965 (12)	3049 (6)	132 (9)
H(5a)	5592 (9)	5179 (12)	3283 (6)	132 (9)
H(6a)	6878 (8)	4733 (11)	3703 (5)	132 (9)
H(2b)	8729 (8)	4596 (10)	4324 (5)	132 (9)
H(3b)	9284 (9)	5693 (13)	3859 (6)	132 (9)
H(4b)	9136 (10)	5398 (13)	2971 (7)	132 (9)
H(5b)	8437 (9)	4092 (12)	2536 (7)	132 (9)
H(6b)	7814 (8)	3047 (11)	2979 (6)	132 (9)
H(2c)	6705 (8)	-364 (10)	3518 (5)	132 (9)
H(3c)	5747 (10)	-1506 (13)	3112 (6)	132 (9)
H(4c)	6092 (10)	-3117 (13)	3006 (7)	132 (9)
H(5c)	7371 (11)	-3605 (15)	3298 (7)	132 (9)
H(6c)	8313 (9)	-2453 (12)	3725 (6)	132 (9)
H(2d)	8272 (8)	-315 (11)	2851 (5)	132 (9)
H(3d)	9066 (10)	-812 (13)	2347 (7)	132 (9)
H(4d)	10226 (10)	-1465 (12)	2735 (6)	132 (9)
H(5d)	10723 (10)	-1646 (12)	3658 (6)	132 (9)
H(6d)	9953 (8)	-1114 (10)	4180 (6)	132 (9)
H(2e)	6652 (8)	-855 (11)	4761 (5)	132 (9)
H(3e)	5768 (9)	-2156 (12)	4512 (6)	132 (9)
H(4e)	6199 (10)	-3723 (13)	4496 (6)	132 (9)

H(5e)	7494 (10)	-4099 (14)	4765 (7)	132 (9)
H(6e)	8401 (10)	-2806 (12)	5069 (6)	132 (9)
H(2f)	8364 (9)	-408 (12)	6168 (6)	132 (9)
H(3f)	9080 (10)	-1054 (13)	6993 (7)	132 (9)
H(4f)	10170 (10)	-1963 (13)	7073 (7)	132 (9)
H(5f)	10497 (11)	-2414 (14)	6334 (7)	132 (9)
H(6f)	9782 (9)	-1804 (12)	5494 (6)	132 (9)
H(2g)	6099 (8)	1485 (10)	4787 (5)	132 (9)
H(3g)	4798 (9)	1953 (12)	4507 (6)	132 (9)
H(4g)	4475 (9)	3611 (12)	4501 (6)	132 (9)
H(5g)	5405 (8)	4772 (12)	4752 (6)	132 (9)
H(6g)	6718 (8)	4345 (10)	5073 (5)	132 (9)
H(2h)	7254 (9)	2245 (11)	6110 (6)	132 (9)
H(3h)	7821 (9)	2701 (12)	7006 (6)	132 (9)
H(4h)	8775 (10)	3799 (13)	7202 (7)	132 (9)
H(5h)	9222 (13)	4521 (17)	6578 (8)	132 (9)
H(6h)	8715 (10)	3996 (13)	5679 (7)	132 (9)