## Luminescent Platinum Complexes Containing Phosphorus-linked Silole Ligands

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Identification code	w12908/lt/glb3	
Empirical formula	npirical formula $C_{146} H_{118} Cl_{18} O_2 P_4 Pt_2 Si_2$	
Formula weight	3112.74	
Temperature	100(2) K	
Wavelength	0.71073 Å	
Crystal system	Monoclinic	
Space group	$P2_1/c$	
Unit cell dimensions	a = 22.261(4)  Å	α=90°.
	b = 14.057(3) Å	β=98.290(7)°.
	c = 22.741(4)  Å	$\gamma = 90^{\circ}$ .
Volume	7042(2) Å <sup>3</sup>	
Z	2	
Density (calculated)	1.468 Mg/m <sup>3</sup>	
Absorption coefficient	2.439 mm <sup>-1</sup>	
F(000)	3120	
Crystal size	0.51 x 0.30 x 0.11 mm <sup>3</sup>	
Theta range for data collection	2.59 to 27.60°.	
Index ranges	-28≤h≤26, -18≤k≤18, -29≤l≤29	
Reflections collected	157483	
Independent reflections	16135 [R(int) = 0.1008]	
Completeness to theta = $25.00^{\circ}$	99.8 %	
Absorption correction	Numerical	
Max. and min. transmission	0.7752 and 0.3704	
Refinement method	Full-matrix least-squares on F <sup>2</sup>	
Data / restraints / parameters	16135 / 55 / 694	
Goodness-of-fit on F <sup>2</sup>	1.177	
Final R indices [I>2sigma(I)]	R1 = 0.0761, $wR2 = 0.1796$	
R indices (all data)	R1 = 0.1409, wR2 = 0.2280	
Largest diff. peak and hole	3.332 and -3.139 e.Å <sup>-3</sup>	

Table S1. Crystal data and structure refinement for 13.

	Х	у	Z	U(eq)
Pt(1)	8491(1)	8666(1)	9911(1)	31(1)
P(1)	7972(1)	9692(2)	9219(1)	28(1)
P(2)	8605(1)	9655(2)	10731(1)	34(1)
Si(1)	4632(1)	10024(2)	8855(1)	27(1)
C(1)	8975(4)	7665(6)	10400(5)	36(2)
C(2)	9308(5)	7049(7)	10632(5)	41(3)
C(3)	9740(5)	6349(8)	10909(5)	45(3)
C(4)	9836(5)	6233(9)	11517(6)	50(3)
C(5)	10251(6)	5555(12)	11766(7)	70(4)
C(6)	10592(6)	5048(11)	11450(7)	72(4)
C(7)	10533(6)	5177(11)	10846(8)	73(4)
C(8)	10112(5)	5853(9)	10570(6)	58(3)
C(9)	8301(4)	7678(6)	9273(4)	31(2)
C(10)	8089(4)	7089(7)	8913(4)	35(2)
C(11)	7809(7)	6440(13)	8492(7)	82(2)
C(12)	7840(7)	5458(13)	8563(7)	82(2)
C(13)	7564(7)	4859(13)	8107(7)	82(2)
C(14)	7257(7)	5234(13)	7606(7)	82(2)
C(15)	7208(7)	6125(13)	7546(7)	82(2)
C(16)	7469(7)	6738(13)	7969(7)	82(2)
C(17)	8186(4)	9502(7)	8482(4)	33(2)
C(18)	8802(4)	9315(8)	8435(5)	40(3)
C(19)	8978(5)	9225(10)	7883(6)	56(3)
C(20)	8567(6)	9265(11)	7379(5)	61(4)
C(21)	7956(5)	9432(9)	7418(5)	47(3)
C(22)	7767(5)	9546(7)	7970(4)	35(2)
C(23)	8073(5)	10980(7)	9305(4)	33(2)
C(24)	7777(5)	11458(7)	9714(5)	38(2)
C(25)	7909(6)	12417(8)	9844(6)	54(3)
C(26)	8332(6)	12892(9)	9555(6)	60(4)
C(27)	8616(6)	12421(10)	9150(6)	60(4)

Table S2. Atomic coordinates  $(x \ 10^4)$  and equivalent isotropic displacement parameters  $(Å^2x \ 10^3)$  for **13**. U(eq) is defined as one third of the trace of the orthogonalized U<sup>ij</sup> tensor.

C(28)	8493(5)	11468(8)	9022(5)	48(3)
C(29)	7150(4)	9529(7)	9124(4)	26(2)
C(30)	6924(4)	8666(7)	9322(4)	30(2)
C(31)	6303(4)	8510(7)	9259(4)	32(2)
C(32)	5880(4)	9177(7)	8992(4)	28(2)
C(33)	6115(4)	10023(7)	8799(4)	32(2)
C(34)	6737(4)	10197(7)	8864(4)	33(2)
C(35)	5213(4)	9042(7)	8942(4)	26(2)
C(36)	4911(4)	8215(7)	8989(5)	36(2)
C(37)	4247(4)	8312(7)	9017(6)	43(3)
C(38)	4003(4)	9186(7)	8980(4)	32(2)
C(39)	4509(5)	10531(9)	8095(5)	50(3)
C(40)	4806(4)	10983(7)	9415(5)	38(2)
C(41)	5191(6)	7244(9)	9030(7)	66(2)
C(42)	5470(5)	6894(9)	8540(7)	66(2)
C(43)	5770(6)	6022(9)	8585(7)	66(2)
C(44)	5765(6)	5488(9)	9112(7)	66(2)
C(45)	5497(5)	5839(9)	9590(7)	66(2)
C(46)	5214(6)	6709(9)	9546(7)	66(2)
C(47)	3915(4)	7354(5)	8997(5)	41(2)
C(48)	3861(5)	6733(7)	8517(4)	41(2)
C(49)	3576(5)	5859(6)	8551(4)	41(2)
C(50)	3346(5)	5606(5)	9066(5)	41(2)
C(51)	3400(5)	6227(7)	9546(4)	41(2)
C(52)	3685(5)	7101(6)	9512(4)	41(2)
C(47')	3891(8)	7593(13)	9413(9)	44(4)
C(48')	3770(9)	6703(15)	9156(8)	44(4)
C(49')	3497(9)	6004(11)	9459(9)	44(4)
C(50')	3345(8)	6194(12)	10019(9)	44(4)
C(51')	3466(8)	7084(14)	10276(8)	44(4)
C(52')	3739(8)	7783(11)	9973(9)	44(4)
C(53)	3360(4)	9451(7)	8998(4)	29(2)
C(54)	2869(4)	8861(7)	8799(4)	31(2)
C(55)	2270(4)	9098(8)	8857(4)	35(2)
C(56)	2146(4)	9959(8)	9118(4)	32(2)
C(57)	2624(4)	10583(7)	9290(4)	33(2)

C(58)	3218(4)	10330(7)	9228(4)	34(2)
C(59)	9089(4)	10685(8)	10697(5)	43(3)
C(60)	9395(4)	10781(8)	10203(5)	43(3)
C(61)	9815(5)	11502(9)	10172(7)	61(4)
C(62)	9919(6)	12150(10)	10632(9)	79(5)
C(63)	9618(6)	12092(12)	11107(8)	82(5)
C(64)	9215(5)	11350(10)	11154(7)	66(4)
C(65)	8952(7)	9126(11)	11425(6)	71(2)
C(66)	9583(7)	9064(11)	11541(6)	71(2)
C(67)	9870(7)	8659(11)	12048(6)	71(2)
C(68)	9536(7)	8287(11)	12444(6)	71(2)
C(69)	8895(7)	8324(11)	12347(6)	71(2)
C(70)	8609(7)	8735(11)	11829(6)	71(2)
C(1S)	7784(5)	16262(7)	10345(5)	62(4)
Cl(1)	7081(2)	16154(3)	9887(2)	91(2)
Cl(2)	8143(2)	15160(3)	10496(2)	84(1)
Cl(3)	7679(2)	16811(3)	11013(2)	86(1)
C(2S)	8168(5)	1910(11)	7438(6)	54(5)
Cl(4)	8669(3)	2855(5)	7635(3)	62(2)
Cl(5)	8124(4)	1661(3)	6678(2)	69(2)
Cl(6)	7442(2)	2147(3)	7633(2)	67(2)
C(2S')	8399(8)	1470(40)	6980(20)	160(50)
Cl(4')	8956(6)	1042(9)	6593(7)	85(5)
Cl(5')	7678(7)	1486(10)	6573(10)	124(8)
Cl(6')	8597(8)	2509(15)	7360(8)	86(6)
C(3S)	4522(7)	3986(18)	8364(7)	178(14)
Cl(7)	3923(4)	3312(7)	8670(4)	225(3)
Cl(8)	4240(4)	3976(7)	7554(4)	225(3)
Cl(9)	5169(4)	3177(7)	8439(4)	225(3)
O(1)	5970(20)	2880(20)	7619(10)	134(9)
O(2)	3436(13)	7078(13)	11211(7)	134(9)

Pt(1)-C(9)	2.009(9)
Pt(1)-C(1)	2.007(9)
Pt(1)-P(2)	2.311(3)
Pt(1)-P(1)	2.318(3)
P(1)-C(17)	1.826(10)
P(1)-C(29)	1.826(9)
P(1)-C(23)	1.832(10)
P(2)-C(65)	1.813(13)
P(2)-C(59)	1.813(11)
P(2)-C(56)#1	1.836(10)
Si(1)-C(39)	1.854(11)
Si(1)-C(40)	1.856(11)
Si(1)-C(35)	1.881(10)
Si(1)-C(38)	1.883(10)
C(1)-C(2)	1.211(10)
C(2)-C(3)	1.453(14)
C(3)-C(4)	1.377(16)
C(3)-C(8)	1.397(17)
C(4)-C(5)	1.391(18)
C(4)-H(4A)	0.9500
C(5)-C(6)	1.33(2)
C(5)-H(5A)	0.9500
C(6)-C(7)	1.37(2)
C(6)-H(6A)	0.9500
C(7)-C(8)	1.417(18)
C(7)-H(7A)	0.9500
C(8)-H(8A)	0.9500
C(9)-C(10)	1.211(10)
C(10)-C(11)	1.402(17)
C(11)-C(12)	1.39(2)
C(11)-C(16)	1.38(2)
C(12)-C(13)	1.406(19)
C(12)-H(12A)	0.9500
C(13)-C(14)	1.35(2)

## Table S3. Bond lengths $[{\rm \AA}]$ and angles $[^{\circ}]$ for $\ensuremath{13}.$

C(13)-H(13A)	0.9500
C(14)-C(15)	1.26(2)
C(14)-H(14A)	0.9500
C(15)-C(16)	1.357(19)
C(15)-H(15A)	0.9500
C(16)-H(16A)	0.9500
C(17)-C(22)	1.384(14)
C(17)-C(18)	1.416(13)
C(18)-C(19)	1.373(15)
C(18)-H(18A)	0.9500
C(19)-C(20)	1.360(17)
С(19)-Н(19А)	0.9500
C(20)-C(21)	1.395(16)
C(20)-H(20A)	0.9500
C(21)-C(22)	1.391(14)
C(21)-H(21A)	0.9500
C(22)-H(22A)	0.9500
C(23)-C(24)	1.388(15)
C(23)-C(28)	1.390(15)
C(24)-C(25)	1.402(15)
C(24)-H(24A)	0.9500
C(25)-C(26)	1.393(18)
С(25)-Н(25А)	0.9500
C(26)-C(27)	1.362(19)
C(26)-H(26A)	0.9500
C(27)-C(28)	1.390(17)
С(27)-Н(27А)	0.9500
C(28)-H(28A)	0.9500
C(29)-C(34)	1.386(13)
C(29)-C(30)	1.411(13)
C(30)-C(31)	1.387(12)
С(30)-Н(30А)	0.9500
C(31)-C(32)	1.404(13)
C(31)-H(31A)	0.9500
C(32)-C(33)	1.395(13)
C(32)-C(35)	1.485(12)

C(33)-C(34)	1.392(12)
C(33)-H(33A)	0.9500
C(34)-H(34A)	0.9500
C(35)-C(36)	1.355(14)
C(36)-C(37)	1.495(13)
C(36)-C(41)	1.498(16)
C(37)-C(38)	1.341(14)
C(37)-C(47)	1.533(12)
C(37)-C(47')	1.633(17)
C(38)-C(53)	1.487(13)
C(39)-H(39A)	0.9800
C(39)-H(39B)	0.9800
С(39)-Н(39С)	0.9800
C(40)-H(40A)	0.9800
C(40)-H(40B)	0.9800
C(40)-H(40C)	0.9800
C(41)-C(46)	1.39(2)
C(41)-C(42)	1.44(2)
C(42)-C(43)	1.393(17)
C(42)-H(42A)	0.9500
C(43)-C(44)	1.42(2)
C(43)-H(43A)	0.9500
C(44)-C(45)	1.40(2)
C(44)-H(44A)	0.9500
C(45)-C(46)	1.371(17)
C(45)-H(45A)	0.9500
C(46)-H(46A)	0.9500
C(47)-C(48)	1.3900
C(47)-C(52)	1.3900
C(48)-C(49)	1.3900
C(48)-H(48A)	0.9500
C(49)-C(50)	1.3900
C(49)-H(49A)	0.9500
C(50)-C(51)	1.3900
C(50)-H(50A)	0.9500
C(51)-C(52)	1.3900

C(51)-H(51A)	0.9500
C(52)-H(52A)	0.9500
C(47')-C(48')	1.3900
C(47')-C(52')	1.3900
C(48')-C(49')	1.3900
C(48')-H(48')	0.9500
C(49')-C(50')	1.3900
C(49')-H(49')	0.9500
C(50')-C(51')	1.3900
С(50')-Н(50')	0.9500
C(51')-C(52')	1.3900
С(51')-Н(51')	0.9500
С(52')-Н(52')	0.9500
C(53)-C(58)	1.396(14)
C(53)-C(54)	1.395(13)
C(54)-C(55)	1.399(13)
C(54)-H(54A)	0.9500
C(55)-C(56)	1.392(14)
С(55)-Н(55А)	0.9500
C(56)-C(57)	1.391(13)
C(56)-P(2)#1	1.836(10)
C(57)-C(58)	1.395(13)
С(57)-Н(57А)	0.9500
C(58)-H(58A)	0.9500
C(59)-C(64)	1.395(16)
C(59)-C(60)	1.401(16)
C(60)-C(61)	1.388(15)
C(60)-H(60A)	0.9500
C(61)-C(62)	1.38(2)
C(61)-H(61A)	0.9500
C(62)-C(63)	1.35(2)
C(62)-H(62A)	0.9500
C(63)-C(64)	1.39(2)
C(63)-H(63A)	0.9500
C(64)-H(64A)	0.9500
C(65)-C(70)	1.39(2)

C(65)-C(66)	1.39(2)
C(66)-C(67)	1.360(17)
C(66)-H(66A)	0.9500
C(67)-C(68)	1.35(2)
C(67)-H(67A)	0.9500
C(68)-C(69)	1.41(2)
C(68)-H(68A)	0.9500
C(69)-C(70)	1.382(17)
C(69)-H(69A)	0.9500
C(70)-H(70A)	0.9500
C(1S)-Cl(3)	1.748(10)
C(1S)-Cl(2)	1.754(10)
C(1S)-Cl(1)	1.758(9)
C(1S)-H(1S)	1.0000
C(2S)-Cl(5)	1.751(12)
C(2S)-Cl(4)	1.752(12)
C(2S)-Cl(6)	1.768(12)
C(2S)-H(2S)	1.0000
C(2S')-Cl(6')	1.72(2)
C(2S')-Cl(4')	1.72(2)
C(2S')-Cl(5')	1.73(2)
C(2S')-H(2S')	1.0000
C(3S)-Cl(9)	1.823(15)
C(3S)-Cl(7)	1.852(17)
C(3S)-Cl(8)	1.860(17)
C(3S)-H(3S)	1.0000
C(9)-Pt(1)-C(1)	87.5(4)
C(9)-Pt(1)-P(2)	170.4(3)
C(1)-Pt(1)-P(2)	89.3(3)
C(9)-Pt(1)-P(1)	84.7(3)
C(1)-Pt(1)-P(1)	171.0(3)
P(2)-Pt(1)-P(1)	99.17(9)
C(17)-P(1)-C(29)	105.3(4)
C(17)-P(1)-C(23)	101.4(5)
C(29)-P(1)-C(23)	104.1(5)

C(17)-P(1)-Pt(1)	111.2(3)
C(29)-P(1)-Pt(1)	113.3(3)
C(23)-P(1)-Pt(1)	120.1(3)
C(65)-P(2)-C(59)	100.5(7)
C(65)-P(2)-C(56)#1	104.1(6)
C(59)-P(2)-C(56)#1	109.6(5)
C(65)-P(2)-Pt(1)	116.0(5)
C(59)-P(2)-Pt(1)	116.3(4)
C(56)#1-P(2)-Pt(1)	109.4(3)
C(39)-Si(1)-C(40)	110.4(6)
C(39)-Si(1)-C(35)	112.8(5)
C(40)-Si(1)-C(35)	112.8(4)
C(39)-Si(1)-C(38)	111.6(5)
C(40)-Si(1)-C(38)	115.9(5)
C(35)-Si(1)-C(38)	92.3(4)
C(2)-C(1)-Pt(1)	171.4(10)
C(1)-C(2)-C(3)	176.4(11)
C(4)-C(3)-C(8)	118.5(11)
C(4)-C(3)-C(2)	120.8(11)
C(8)-C(3)-C(2)	120.4(11)
C(3)-C(4)-C(5)	119.2(13)
C(3)-C(4)-H(4A)	120.4
C(5)-C(4)-H(4A)	120.4
C(6)-C(5)-C(4)	123.1(14)
C(6)-C(5)-H(5A)	118.4
C(4)-C(5)-H(5A)	118.4
C(5)-C(6)-C(7)	119.5(13)
C(5)-C(6)-H(6A)	120.3
C(7)-C(6)-H(6A)	120.3
C(6)-C(7)-C(8)	119.6(14)
C(6)-C(7)-H(7A)	120.2
C(8)-C(7)-H(7A)	120.2
C(3)-C(8)-C(7)	119.8(13)
C(3)-C(8)-H(8A)	120.1
C(7)-C(8)-H(8A)	120.1
C(10)-C(9)-Pt(1)	169.0(8)

C(9)-C(10)-C(11)	176.3(12)
C(12)-C(11)-C(16)	114.4(14)
C(12)-C(11)-C(10)	123.8(15)
C(16)-C(11)-C(10)	121.8(16)
C(11)-C(12)-C(13)	120.0(17)
C(11)-C(12)-H(12A)	120.0
C(13)-C(12)-H(12A)	120.0
C(14)-C(13)-C(12)	120.2(18)
C(14)-C(13)-H(13A)	119.9
C(12)-C(13)-H(13A)	119.9
C(15)-C(14)-C(13)	120.2(16)
C(15)-C(14)-H(14A)	119.9
C(13)-C(14)-H(14A)	119.9
C(14)-C(15)-C(16)	122.1(19)
C(14)-C(15)-H(15A)	118.9
C(16)-C(15)-H(15A)	118.9
C(15)-C(16)-C(11)	122.9(18)
C(15)-C(16)-H(16A)	118.5
С(11)-С(16)-Н(16А)	118.5
C(22)-C(17)-C(18)	119.1(9)
C(22)-C(17)-P(1)	122.2(7)
C(18)-C(17)-P(1)	118.8(8)
C(19)-C(18)-C(17)	119.6(10)
C(19)-C(18)-H(18A)	120.2
C(17)-C(18)-H(18A)	120.2
C(20)-C(19)-C(18)	121.4(11)
C(20)-C(19)-H(19A)	119.3
C(18)-C(19)-H(19A)	119.3
C(19)-C(20)-C(21)	119.8(11)
C(19)-C(20)-H(20A)	120.1
C(21)-C(20)-H(20A)	120.1
C(22)-C(21)-C(20)	120.0(10)
C(22)-C(21)-H(21A)	120.0
C(20)-C(21)-H(21A)	120.0
C(17)-C(22)-C(21)	120.1(10)
C(17)-C(22)-H(22A)	120.0

C(21)-C(22)-H(22A)	120.0
C(24)-C(23)-C(28)	119.2(10)
C(24)-C(23)-P(1)	119.1(8)
C(28)-C(23)-P(1)	121.2(9)
C(23)-C(24)-C(25)	120.0(10)
C(23)-C(24)-H(24A)	120.0
C(25)-C(24)-H(24A)	120.0
C(26)-C(25)-C(24)	119.8(12)
C(26)-C(25)-H(25A)	120.1
C(24)-C(25)-H(25A)	120.1
C(25)-C(26)-C(27)	119.8(12)
C(25)-C(26)-H(26A)	120.1
C(27)-C(26)-H(26A)	120.1
C(26)-C(27)-C(28)	120.9(12)
C(26)-C(27)-H(27A)	119.5
C(28)-C(27)-H(27A)	119.5
C(27)-C(28)-C(23)	120.3(12)
C(27)-C(28)-H(28A)	119.9
C(23)-C(28)-H(28A)	119.9
C(34)-C(29)-C(30)	118.3(8)
C(34)-C(29)-P(1)	123.8(7)
C(30)-C(29)-P(1)	117.9(7)
C(31)-C(30)-C(29)	119.9(9)
С(31)-С(30)-Н(30А)	120.1
С(29)-С(30)-Н(30А)	120.1
C(30)-C(31)-C(32)	122.4(9)
C(30)-C(31)-H(31A)	118.8
C(32)-C(31)-H(31A)	118.8
C(33)-C(32)-C(31)	116.5(8)
C(33)-C(32)-C(35)	120.1(8)
C(31)-C(32)-C(35)	123.2(9)
C(34)-C(33)-C(32)	121.9(9)
C(34)-C(33)-H(33A)	119.0
C(32)-C(33)-H(33A)	119.0
C(29)-C(34)-C(33)	120.9(9)
C(29)-C(34)-H(34A)	119.5

C(33)-C(34)-H(34A)	119.5
C(36)-C(35)-C(32)	127.3(9)
C(36)-C(35)-Si(1)	107.2(6)
C(32)-C(35)-Si(1)	125.4(7)
C(35)-C(36)-C(37)	115.5(9)
C(35)-C(36)-C(41)	125.5(9)
C(37)-C(36)-C(41)	119.0(9)
C(38)-C(37)-C(36)	118.3(9)
C(38)-C(37)-C(47)	127.8(9)
C(36)-C(37)-C(47)	113.3(9)
C(38)-C(37)-C(47')	112.1(11)
C(36)-C(37)-C(47')	121.9(10)
C(47)-C(37)-C(47')	37.1(8)
C(37)-C(38)-C(53)	127.7(9)
C(37)-C(38)-Si(1)	106.2(7)
C(53)-C(38)-Si(1)	126.0(7)
Si(1)-C(39)-H(39A)	109.5
Si(1)-C(39)-H(39B)	109.5
H(39A)-C(39)-H(39B)	109.5
Si(1)-C(39)-H(39C)	109.5
H(39A)-C(39)-H(39C)	109.5
H(39B)-C(39)-H(39C)	109.5
Si(1)-C(40)-H(40A)	109.5
Si(1)-C(40)-H(40B)	109.5
H(40A)-C(40)-H(40B)	109.5
Si(1)-C(40)-H(40C)	109.5
H(40A)-C(40)-H(40C)	109.5
H(40B)-C(40)-H(40C)	109.5
C(46)-C(41)-C(42)	120.1(12)
C(46)-C(41)-C(36)	120.7(14)
C(42)-C(41)-C(36)	119.1(13)
C(43)-C(42)-C(41)	120.1(15)
C(43)-C(42)-H(42A)	119.9
C(41)-C(42)-H(42A)	119.9
C(42)-C(43)-C(44)	117.7(15)
C(42)-C(43)-H(43A)	121.1

C(44)-C(43)-H(43A)	121.1
C(45)-C(44)-C(43)	121.7(13)
C(45)-C(44)-H(44A)	119.1
C(43)-C(44)-H(44A)	119.1
C(46)-C(45)-C(44)	119.9(15)
C(46)-C(45)-H(45A)	120.0
C(44)-C(45)-H(45A)	120.0
C(45)-C(46)-C(41)	120.3(15)
C(45)-C(46)-H(46A)	119.9
C(41)-C(46)-H(46A)	119.9
C(48)-C(47)-C(52)	120.0
C(48)-C(47)-C(37)	124.2(8)
C(52)-C(47)-C(37)	115.8(8)
C(49)-C(48)-C(47)	120.0
C(49)-C(48)-H(48A)	120.0
C(47)-C(48)-H(48A)	120.0
C(48)-C(49)-C(50)	120.0
C(48)-C(49)-H(49A)	120.0
C(50)-C(49)-H(49A)	120.0
C(51)-C(50)-C(49)	120.0
C(51)-C(50)-H(50A)	120.0
C(49)-C(50)-H(50A)	120.0
C(50)-C(51)-C(52)	120.0
C(50)-C(51)-H(51A)	120.0
C(52)-C(51)-H(51A)	120.0
C(51)-C(52)-C(47)	120.0
C(51)-C(52)-H(52A)	120.0
C(47)-C(52)-H(52A)	120.0
C(48')-C(47')-C(52')	120.0
C(48')-C(47')-C(37)	113.9(13)
C(52')-C(47')-C(37)	126.0(13)
C(47')-C(48')-C(49')	120.0
C(47')-C(48')-H(48')	120.0
C(49')-C(48')-H(48')	120.0
C(48')-C(49')-C(50')	120.0
C(48')-C(49')-H(49')	120.0

C(50')-C(49')-H(49')	120.0
C(51')-C(50')-C(49')	120.0
С(51')-С(50')-Н(50')	120.0
C(49')-C(50')-H(50')	120.0
C(52')-C(51')-C(50')	120.0
C(52')-C(51')-H(51')	120.0
C(50')-C(51')-H(51')	120.0
C(51')-C(52')-C(47')	120.0
С(51')-С(52')-Н(52')	120.0
C(47')-C(52')-H(52')	120.0
C(58)-C(53)-C(54)	116.0(8)
C(58)-C(53)-C(38)	120.3(8)
C(54)-C(53)-C(38)	123.7(9)
C(53)-C(54)-C(55)	122.7(9)
C(53)-C(54)-H(54A)	118.6
C(55)-C(54)-H(54A)	118.6
C(56)-C(55)-C(54)	119.8(9)
C(56)-C(55)-H(55A)	120.1
C(54)-C(55)-H(55A)	120.1
C(57)-C(56)-C(55)	118.5(9)
C(57)-C(56)-P(2)#1	116.2(8)
C(55)-C(56)-P(2)#1	125.3(7)
C(56)-C(57)-C(58)	120.6(9)
С(56)-С(57)-Н(57А)	119.7
C(58)-C(57)-H(57A)	119.7
C(53)-C(58)-C(57)	122.2(9)
C(53)-C(58)-H(58A)	118.9
C(57)-C(58)-H(58A)	118.9
C(64)-C(59)-C(60)	117.6(11)
C(64)-C(59)-P(2)	124.1(10)
C(60)-C(59)-P(2)	118.1(8)
C(61)-C(60)-C(59)	121.3(12)
C(61)-C(60)-H(60A)	119.3
C(59)-C(60)-H(60A)	119.3
C(62)-C(61)-C(60)	118.9(14)
C(62)-C(61)-H(61A)	120.5

C(60)-C(61)-H(61A)	120.5
C(63)-C(62)-C(61)	121.1(13)
C(63)-C(62)-H(62A)	119.4
C(61)-C(62)-H(62A)	119.4
C(62)-C(63)-C(64)	120.4(13)
C(62)-C(63)-H(63A)	119.8
C(64)-C(63)-H(63A)	119.8
C(59)-C(64)-C(63)	120.5(14)
C(59)-C(64)-H(64A)	119.7
C(63)-C(64)-H(64A)	119.7
C(70)-C(65)-C(66)	119.0(13)
C(70)-C(65)-P(2)	122.1(11)
C(66)-C(65)-P(2)	118.8(13)
C(67)-C(66)-C(65)	121.6(16)
C(67)-C(66)-H(66A)	119.2
C(65)-C(66)-H(66A)	119.2
C(68)-C(67)-C(66)	119.4(15)
C(68)-C(67)-H(67A)	120.3
C(66)-C(67)-H(67A)	120.3
C(67)-C(68)-C(69)	121.4(13)
C(67)-C(68)-H(68A)	119.3
C(69)-C(68)-H(68A)	119.3
C(70)-C(69)-C(68)	118.7(16)
C(70)-C(69)-H(69A)	120.7
C(68)-C(69)-H(69A)	120.7
C(65)-C(70)-C(69)	119.9(14)
C(65)-C(70)-H(70A)	120.0
C(69)-C(70)-H(70A)	120.0
Cl(3)-C(1S)-Cl(2)	109.5(6)
Cl(3)-C(1S)-Cl(1)	109.5(6)
Cl(2)-C(1S)-Cl(1)	112.4(6)
Cl(3)-C(1S)-H(1S)	108.4
Cl(2)-C(1S)-H(1S)	108.4
Cl(1)-C(1S)-H(1S)	108.4
Cl(5)-C(2S)-Cl(4)	110.3(8)
Cl(5)-C(2S)-Cl(6)	111.3(8)

Cl(4)-C(2S)-Cl(6)	111.3(8)
Cl(5)-C(2S)-H(2S)	107.9
Cl(4)-C(2S)-H(2S)	107.9
Cl(6)-C(2S)-H(2S)	107.9
Cl(6')-C(2S')-Cl(4')	114(2)
Cl(6')-C(2S')-Cl(5')	114(2)
Cl(4')-C(2S')-Cl(5')	115(2)
Cl(6')-C(2S')-H(2S')	104.2
Cl(4')-C(2S')-H(2S')	104.2
Cl(5')-C(2S')-H(2S')	104.2
Cl(9)-C(3S)-Cl(7)	104.3(11)
Cl(9)-C(3S)-Cl(8)	103.7(10)
Cl(7)-C(3S)-Cl(8)	102.1(11)
Cl(9)-C(3S)-H(3S)	115.0
Cl(7)-C(3S)-H(3S)	115.0
Cl(8)-C(3S)-H(3S)	115.0

Symmetry transformations used to generate equivalent atoms:

#1 -x+1,-y+2,-z+2

	U <sup>11</sup>	U <sup>22</sup>	U <sup>33</sup>	U <sup>23</sup>	U <sup>13</sup>	U <sup>12</sup>
Pt(1)	18(1)	39(1)	34(1)	-1(1)	-2(1)	-6(1)
P(1)	19(1)	35(1)	31(1)	-3(1)	4(1)	-8(1)
P(2)	18(1)	46(2)	34(1)	-4(1)	-6(1)	-1(1)
Si(1)	19(1)	32(1)	30(1)	3(1)	-1(1)	-6(1)
C(1)	18(4)	23(5)	62(7)	-5(5)	-6(4)	-12(4)
C(2)	38(6)	29(5)	51(7)	-5(5)	-7(5)	-7(4)
C(3)	36(6)	35(5)	59(7)	2(6)	-6(5)	-3(5)
C(4)	35(6)	60(8)	56(7)	5(6)	7(5)	-4(5)
C(5)	45(8)	93(11)	71(9)	32(9)	1(7)	-2(8)
C(6)	50(8)	74(10)	87(11)	17(9)	-5(8)	18(7)
C(7)	41(7)	72(10)	103(13)	0(9)	1(8)	10(7)
C(8)	41(7)	57(8)	73(9)	-2(7)	-1(6)	6(6)
C(9)	20(4)	23(5)	48(6)	1(4)	0(4)	-2(4)
C(10)	27(5)	38(6)	43(6)	-3(5)	11(4)	-3(4)
C(11)	71(4)	97(5)	75(4)	-37(4)	1(3)	-15(4)
C(12)	71(4)	97(5)	75(4)	-37(4)	1(3)	-15(4)
C(13)	71(4)	97(5)	75(4)	-37(4)	1(3)	-15(4)
C(14)	71(4)	97(5)	75(4)	-37(4)	1(3)	-15(4)
C(15)	71(4)	97(5)	75(4)	-37(4)	1(3)	-15(4)
C(16)	71(4)	97(5)	75(4)	-37(4)	1(3)	-15(4)
C(17)	27(5)	37(5)	36(5)	-4(4)	8(4)	-6(4)
C(18)	24(5)	60(7)	36(6)	6(5)	4(4)	-2(5)
C(19)	31(6)	83(10)	57(8)	0(7)	14(6)	3(6)
C(20)	54(8)	94(11)	37(6)	-1(7)	17(6)	10(7)
C(21)	41(6)	68(8)	33(6)	1(5)	2(5)	4(6)
C(22)	30(5)	41(6)	34(5)	6(4)	6(4)	3(4)
C(23)	37(5)	28(5)	34(5)	-2(4)	1(4)	-6(4)
C(24)	37(5)	40(6)	37(5)	1(5)	3(4)	-10(5)
C(25)	67(8)	33(6)	60(8)	-6(6)	4(6)	-1(6)
C(26)	73(9)	37(7)	68(9)	12(6)	-1(7)	-17(6)
C(27)	65(8)	64(9)	54(8)	3(7)	16(7)	-31(7)

Table S4. Anisotropic displacement parameters (Å<sup>2</sup>x 10<sup>3</sup>) for **13**. The anisotropic displacement factor exponent takes the form:  $-2\pi^2$ [ h<sup>2</sup> a<sup>\*2</sup>U<sup>11</sup> + ... + 2 h k a<sup>\*</sup> b<sup>\*</sup> U<sup>12</sup> ]

C(28)	46(6)	49(7)	46(6)	8(5)	3(5)	-20(5)
C(29)	19(4)	34(5)	27(5)	-2(4)	4(4)	-2(4)
C(30)	27(5)	34(5)	26(4)	1(4)	0(4)	-5(4)
C(31)	24(4)	45(6)	27(5)	9(4)	6(4)	-8(4)
C(32)	23(4)	37(5)	24(4)	-8(4)	2(4)	1(4)
C(33)	19(4)	37(5)	39(5)	-1(4)	4(4)	-5(4)
C(34)	24(5)	30(5)	43(6)	-6(4)	2(4)	-3(4)
C(35)	20(4)	35(5)	23(4)	-3(4)	2(3)	-3(4)
C(36)	21(5)	37(5)	46(6)	-2(5)	-3(4)	0(4)
C(37)	21(5)	29(5)	75(8)	7(5)	-6(5)	-8(4)
C(38)	21(4)	38(6)	36(5)	-4(4)	0(4)	-3(4)
C(39)	31(6)	65(8)	50(7)	16(6)	-2(5)	-7(5)
C(40)	24(5)	31(5)	56(7)	-1(5)	-4(5)	0(4)
C(41)	39(3)	42(3)	106(5)	-4(3)	-19(3)	1(2)
C(42)	39(3)	42(3)	106(5)	-4(3)	-19(3)	1(2)
C(43)	39(3)	42(3)	106(5)	-4(3)	-19(3)	1(2)
C(44)	39(3)	42(3)	106(5)	-4(3)	-19(3)	1(2)
C(45)	39(3)	42(3)	106(5)	-4(3)	-19(3)	1(2)
C(46)	39(3)	42(3)	106(5)	-4(3)	-19(3)	1(2)
C(47)	25(3)	34(4)	63(5)	0(3)	6(3)	-4(3)
C(48)	25(3)	34(4)	63(5)	0(3)	6(3)	-4(3)
C(49)	25(3)	34(4)	63(5)	0(3)	6(3)	-4(3)
C(50)	25(3)	34(4)	63(5)	0(3)	6(3)	-4(3)
C(51)	25(3)	34(4)	63(5)	0(3)	6(3)	-4(3)
C(52)	25(3)	34(4)	63(5)	0(3)	6(3)	-4(3)
C(47')	16(6)	47(8)	64(9)	15(7)	-6(5)	-2(5)
C(48')	16(6)	47(8)	64(9)	15(7)	-6(5)	-2(5)
C(49')	16(6)	47(8)	64(9)	15(7)	-6(5)	-2(5)
C(50')	16(6)	47(8)	64(9)	15(7)	-6(5)	-2(5)
C(51')	16(6)	47(8)	64(9)	15(7)	-6(5)	-2(5)
C(52')	16(6)	47(8)	64(9)	15(7)	-6(5)	-2(5)
C(53)	25(5)	35(5)	27(5)	9(4)	3(4)	-1(4)
C(54)	17(4)	38(6)	36(5)	-2(4)	-4(4)	1(4)
C(55)	22(5)	47(6)	31(5)	-1(5)	-6(4)	-5(4)
C(56)	20(4)	49(6)	26(5)	5(4)	-4(4)	4(4)
C(57)	26(5)	37(5)	34(5)	-3(4)	1(4)	-3(4)

C(58)	20(5)	43(6)	37(5)	-2(5)	-1(4)	-10(4)
C(59)	18(5)	58(7)	52(7)	-16(6)	-1(4)	-9(5)
C(60)	19(5)	44(6)	64(7)	3(5)	0(5)	-6(4)
C(61)	23(5)	63(8)	96(10)	-5(7)	3(6)	-20(5)
C(62)	31(7)	58(9)	144(16)	-15(10)	-6(8)	-17(6)
C(63)	37(7)	95(12)	110(13)	-57(10)	-10(8)	-17(7)
C(64)	25(5)	87(10)	83(10)	-39(8)	-6(6)	-12(6)
C(65)	70(4)	85(4)	48(3)	-11(3)	-24(3)	28(3)
C(66)	70(4)	85(4)	48(3)	-11(3)	-24(3)	28(3)
C(67)	70(4)	85(4)	48(3)	-11(3)	-24(3)	28(3)
C(68)	70(4)	85(4)	48(3)	-11(3)	-24(3)	28(3)
C(69)	70(4)	85(4)	48(3)	-11(3)	-24(3)	28(3)
C(70)	70(4)	85(4)	48(3)	-11(3)	-24(3)	28(3)
C(1S)	56(8)	71(9)	56(8)	17(7)	-5(6)	-32(7)
Cl(1)	66(2)	112(3)	85(3)	48(2)	-24(2)	-51(2)
Cl(2)	77(3)	61(2)	109(3)	14(2)	-6(2)	-26(2)
Cl(3)	100(3)	89(3)	71(2)	18(2)	20(2)	-29(2)
C(2S)	44(10)	38(10)	72(13)	13(9)	-14(9)	0(8)
Cl(4)	59(3)	70(4)	54(4)	13(3)	-8(3)	-24(3)
Cl(5)	103(6)	42(3)	54(3)	8(2)	-10(3)	0(3)
Cl(6)	52(3)	50(3)	92(4)	7(2)	-16(2)	-6(2)
C(2S')	50(30)	50(30)	350(140)	40(60)	-70(60)	10(30)
Cl(4')	55(7)	69(8)	123(12)	22(8)	-17(7)	-29(6)
Cl(5')	57(8)	62(9)	220(20)	7(10)	-73(11)	7(7)
Cl(6')	66(9)	108(14)	73(11)	41(10)	-24(8)	-28(9)
C(3S)	260(30)	130(20)	180(20)	61(18)	170(20)	80(20)
Cl(7)	319(8)	207(5)	165(4)	45(4)	89(5)	97(5)
Cl(8)	319(8)	207(5)	165(4)	45(4)	89(5)	97(5)
Cl(9)	319(8)	207(5)	165(4)	45(4)	89(5)	97(5)
O(1)	280(20)	76(10)	33(7)	2(7)	-3(10)	109(13)
O(2)	280(20)	76(10)	33(7)	2(7)	-3(10)	109(13)

	Х	У	Z	U(eq)
H(4A)	9621	6612	11763	60
H(5A)	10293	5450	12183	85
H(6A)	10874	4598	11640	86
H(7A)	10773	4815	10615	87
H(8A)	10082	5969	10155	69
H(12A)	8048	5192	8919	99
H(13A)	7595	4188	8152	99
H(14A)	7077	4826	7297	99
H(15A)	6981	6374	7194	99
H(16A)	7416	7401	7901	99
H(18A)	9092	9252	8782	48
H(19A)	9395	9133	7853	67
H(20A)	8696	9180	7002	73
H(21A)	7669	9467	7066	57
H(22A)	7351	9655	7996	42
H(24A)	7485	11135	9907	46
H(25A)	7711	12742	10128	65
H(26A)	8423	13543	9641	72
H(27A)	8902	12749	8952	73
H(28A)	8697	11148	8741	57
H(30A)	7197	8193	9499	35
H(31A)	6158	7930	9402	38
H(33A)	5843	10493	8617	38
H(34A)	6880	10782	8728	39
H(39A)	4847	10957	8044	74
H(39B)	4128	10889	8036	74
H(39C)	4489	10015	7803	74
H(40A)	5139	11375	9311	57
H(40B)	4926	10700	9808	57
H(40C)	4445	11380	9421	57

Table S5. Hydrogen coordinates (  $x\;10^4$  ) and isotropic displacement parameters (Å  $^2x\;10^{-3}$  ) for 13.

H(42A)	5451	7259	8186	79
H(43A)	5972	5793	8272	79
H(44A)	5947	4875	9143	79
H(45A)	5511	5475	9944	79
H(46A)	5033	6946	9871	79
H(48A)	4018	6907	8165	49
H(49A)	3539	5434	8223	49
H(50A)	3152	5008	9089	49
H(51A)	3243	6053	9898	49
H(52A)	3722	7526	9840	49
H(48')	3874	6573	8774	52
H(49')	3414	5396	9284	52
H(50')	3158	5716	10226	52
H(51')	3361	7214	10659	52
H(52')	3821	8391	10148	52
H(54A)	2944	8275	8615	37
H(55A)	1948	8672	8720	41
H(57A)	2546	11186	9452	39
H(58A)	3535	10771	9346	41
H(60A)	9312	10344	9883	51
H(61A)	10027	11549	9840	73
H(62A)	10207	12645	10615	95
H(63A)	9683	12561	11410	99
H(64A)	9024	11295	11500	80
H(66A)	9818	9310	11258	85
H(67A)	10301	8638	12123	85
H(68A)	9737	7994	12794	85
H(69A)	8666	8072	12632	85
H(70A)	8178	8750	11749	85
H(1S)	8055	16675	10139	75
H(2S)	8334	1334	7663	64
H(2S')	8374	989	7293	190
H(3S)	4610	4632	8541	214

Table S6. Torsion angles [°] for **13**.

C(9)-Pt(1)-P(1)-C(17)	-43.4(4)
C(1)-Pt(1)-P(1)-C(17)	-14.3(17)
P(2)-Pt(1)-P(1)-C(17)	145.5(3)
C(9)-Pt(1)-P(1)-C(29)	74.9(4)
C(1)-Pt(1)-P(1)-C(29)	104.0(16)
P(2)-Pt(1)-P(1)-C(29)	-96.3(3)
C(9)-Pt(1)-P(1)-C(23)	-161.4(5)
C(1)-Pt(1)-P(1)-C(23)	-132.3(16)
P(2)-Pt(1)-P(1)-C(23)	27.4(4)
C(9)-Pt(1)-P(2)-C(65)	62.8(17)
C(1)-Pt(1)-P(2)-C(65)	-7.4(7)
P(1)-Pt(1)-P(2)-C(65)	175.7(6)
C(9)-Pt(1)-P(2)-C(59)	-179(23)
C(1)-Pt(1)-P(2)-C(59)	110.5(5)
P(1)-Pt(1)-P(2)-C(59)	-66.4(4)
C(9)-Pt(1)-P(2)-C(56)#1	-54.6(16)
C(1)-Pt(1)-P(2)-C(56)#1	-124.8(4)
P(1)-Pt(1)-P(2)-C(56)#1	58.3(4)
C(9)-Pt(1)-C(1)-C(2)	56(5)
P(2)-Pt(1)-C(1)-C(2)	-133(5)
P(1)-Pt(1)-C(1)-C(2)	27(6)
Pt(1)-C(1)-C(2)-C(3)	64(22)
C(1)-C(2)-C(3)-C(4)	97(20)
C(1)-C(2)-C(3)-C(8)	-76(20)
C(8)-C(3)-C(4)-C(5)	-6.8(17)
C(2)-C(3)-C(4)-C(5)	179.8(11)
C(3)-C(4)-C(5)-C(6)	4(2)
C(4)-C(5)-C(6)-C(7)	-1(2)
C(5)-C(6)-C(7)-C(8)	0(2)
C(4)-C(3)-C(8)-C(7)	6.3(18)
C(2)-C(3)-C(8)-C(7)	179.7(11)
C(6)-C(7)-C(8)-C(3)	-3(2)
C(1)-Pt(1)-C(9)-C(10)	109(5)
P(2)-Pt(1)-C(9)-C(10)	39(6)

P(1)-Pt(1)-C(9)-C(10)	-75(5)
Pt(1)-C(9)-C(10)-C(11)	36(23)
C(9)-C(10)-C(11)-C(12)	-134(20)
C(9)-C(10)-C(11)-C(16)	45(21)
C(16)-C(11)-C(12)-C(13)	3(2)
C(10)-C(11)-C(12)-C(13)	-177.6(14)
C(11)-C(12)-C(13)-C(14)	-2(3)
C(12)-C(13)-C(14)-C(15)	-1(3)
C(13)-C(14)-C(15)-C(16)	2(3)
C(14)-C(15)-C(16)-C(11)	0(3)
C(12)-C(11)-C(16)-C(15)	-3(3)
C(10)-C(11)-C(16)-C(15)	178.1(15)
C(29)-P(1)-C(17)-C(22)	18.4(10)
C(23)-P(1)-C(17)-C(22)	-89.8(9)
Pt(1)-P(1)-C(17)-C(22)	141.4(8)
C(29)-P(1)-C(17)-C(18)	-162.4(8)
C(23)-P(1)-C(17)-C(18)	89.4(9)
Pt(1)-P(1)-C(17)-C(18)	-39.4(9)
C(22)-C(17)-C(18)-C(19)	3.0(17)
P(1)-C(17)-C(18)-C(19)	-176.2(10)
C(17)-C(18)-C(19)-C(20)	-3(2)
C(18)-C(19)-C(20)-C(21)	2(2)
C(19)-C(20)-C(21)-C(22)	-1(2)
C(18)-C(17)-C(22)-C(21)	-1.6(16)
P(1)-C(17)-C(22)-C(21)	177.6(9)
C(20)-C(21)-C(22)-C(17)	0.4(18)
C(17)-P(1)-C(23)-C(24)	159.3(8)
C(29)-P(1)-C(23)-C(24)	50.2(9)
Pt(1)-P(1)-C(23)-C(24)	-77.8(9)
C(17)-P(1)-C(23)-C(28)	-28.4(10)
C(29)-P(1)-C(23)-C(28)	-137.5(9)
Pt(1)-P(1)-C(23)-C(28)	94.5(9)
C(28)-C(23)-C(24)-C(25)	-0.8(16)
P(1)-C(23)-C(24)-C(25)	171.6(9)
C(23)-C(24)-C(25)-C(26)	0.8(17)
C(24)-C(25)-C(26)-C(27)	0(2)

C(25)-C(26)-C(27)-C(28)	-1(2)
C(26)-C(27)-C(28)-C(23)	1(2)
C(24)-C(23)-C(28)-C(27)	0.2(17)
P(1)-C(23)-C(28)-C(27)	-172.1(10)
C(17)-P(1)-C(29)-C(34)	-76.0(9)
C(23)-P(1)-C(29)-C(34)	30.3(9)
Pt(1)-P(1)-C(29)-C(34)	162.4(7)
C(17)-P(1)-C(29)-C(30)	103.3(8)
C(23)-P(1)-C(29)-C(30)	-150.5(7)
Pt(1)-P(1)-C(29)-C(30)	-18.4(8)
C(34)-C(29)-C(30)-C(31)	-0.6(14)
P(1)-C(29)-C(30)-C(31)	-179.9(7)
C(29)-C(30)-C(31)-C(32)	1.2(14)
C(30)-C(31)-C(32)-C(33)	-1.0(14)
C(30)-C(31)-C(32)-C(35)	-177.3(9)
C(31)-C(32)-C(33)-C(34)	0.3(14)
C(35)-C(32)-C(33)-C(34)	176.7(9)
C(30)-C(29)-C(34)-C(33)	-0.1(14)
P(1)-C(29)-C(34)-C(33)	179.2(7)
C(32)-C(33)-C(34)-C(29)	0.2(15)
C(33)-C(32)-C(35)-C(36)	165.0(10)
C(31)-C(32)-C(35)-C(36)	-18.9(15)
C(33)-C(32)-C(35)-Si(1)	-19.5(12)
C(31)-C(32)-C(35)-Si(1)	156.6(8)
C(39)-Si(1)-C(35)-C(36)	-108.5(8)
C(40)-Si(1)-C(35)-C(36)	125.6(7)
C(38)-Si(1)-C(35)-C(36)	6.1(7)
C(39)-Si(1)-C(35)-C(32)	75.3(9)
C(40)-Si(1)-C(35)-C(32)	-50.7(9)
C(38)-Si(1)-C(35)-C(32)	-170.1(8)
C(32)-C(35)-C(36)-C(37)	170.6(9)
Si(1)-C(35)-C(36)-C(37)	-5.5(11)
C(32)-C(35)-C(36)-C(41)	-7.6(17)
Si(1)-C(35)-C(36)-C(41)	176.3(10)
C(35)-C(36)-C(37)-C(38)	1.6(15)
C(41)-C(36)-C(37)-C(38)	179.9(11)

C(35)-C(36)-C(37)-C(47)	173.4(9)
C(41)-C(36)-C(37)-C(47)	-8.3(15)
C(35)-C(36)-C(37)-C(47')	-145.6(12)
C(41)-C(36)-C(37)-C(47')	32.7(18)
C(36)-C(37)-C(38)-C(53)	-180.0(9)
C(47)-C(37)-C(38)-C(53)	9.6(19)
C(47')-C(37)-C(38)-C(53)	-29.7(16)
C(36)-C(37)-C(38)-Si(1)	3.2(13)
C(47)-C(37)-C(38)-Si(1)	-167.2(10)
C(47')-C(37)-C(38)-Si(1)	153.5(10)
C(39)-Si(1)-C(38)-C(37)	110.4(9)
C(40)-Si(1)-C(38)-C(37)	-122.0(8)
C(35)-Si(1)-C(38)-C(37)	-5.2(8)
C(39)-Si(1)-C(38)-C(53)	-66.4(10)
C(40)-Si(1)-C(38)-C(53)	61.1(9)
C(35)-Si(1)-C(38)-C(53)	177.9(8)
C(35)-C(36)-C(41)-C(46)	113.2(14)
C(37)-C(36)-C(41)-C(46)	-64.9(15)
C(35)-C(36)-C(41)-C(42)	-62.9(16)
C(37)-C(36)-C(41)-C(42)	118.9(12)
C(46)-C(41)-C(42)-C(43)	-0.6(18)
C(36)-C(41)-C(42)-C(43)	175.5(10)
C(41)-C(42)-C(43)-C(44)	2.6(17)
C(42)-C(43)-C(44)-C(45)	-3.4(18)
C(43)-C(44)-C(45)-C(46)	2.1(18)
C(44)-C(45)-C(46)-C(41)	0.1(18)
C(42)-C(41)-C(46)-C(45)	-0.8(18)
C(36)-C(41)-C(46)-C(45)	-176.9(10)
C(38)-C(37)-C(47)-C(48)	107.3(13)
C(36)-C(37)-C(47)-C(48)	-63.6(12)
C(47')-C(37)-C(47)-C(48)	-176.3(17)
C(38)-C(37)-C(47)-C(52)	-75.8(14)
C(36)-C(37)-C(47)-C(52)	113.4(10)
C(47')-C(37)-C(47)-C(52)	0.6(13)
C(52)-C(47)-C(48)-C(49)	0.0
C(37)-C(47)-C(48)-C(49)	176.8(10)

0.0 0.0 0.0 0.0
0.0 0.0 0.0
0.0 0.0
0.0
-177.1(9)
134.5(11)
-76.5(14)
10.5(11)
-49.0(16)
100.0(15)
-173(2)
0.0
176.7(14)
0.0
0.0
0.0
0.0
0.0 0.0
0.0 0.0 -176.3(16)
0.0 0.0 -176.3(16) 149.9(11)
0.0 0.0 -176.3(16) 149.9(11) -33.9(13)
0.0 0.0 -176.3(16) 149.9(11) -33.9(13) -29.6(16)
0.0 0.0 -176.3(16) 149.9(11) -33.9(13) -29.6(16) 146.6(8)
0.0 0.0 -176.3(16) 149.9(11) -33.9(13) -29.6(16) 146.6(8) -4.1(14)
0.0 0.0 -176.3(16) 149.9(11) -33.9(13) -29.6(16) 146.6(8) -4.1(14) 175.4(9)
$\begin{array}{c} 0.0\\ 0.0\\ -176.3(16)\\ 149.9(11)\\ -33.9(13)\\ -29.6(16)\\ 146.6(8)\\ -4.1(14)\\ 175.4(9)\\ 0.8(15)\\ \end{array}$
$\begin{array}{c} 0.0\\ 0.0\\ -176.3(16)\\ 149.9(11)\\ -33.9(13)\\ -29.6(16)\\ 146.6(8)\\ -4.1(14)\\ 175.4(9)\\ 0.8(15)\\ 2.8(14) \end{array}$
0.0 0.0 -176.3(16) 149.9(11) -33.9(13) -29.6(16) 146.6(8) -4.1(14) 175.4(9) 0.8(15) 2.8(14) -176.2(7)
0.0 0.0 -176.3(16) 149.9(11) -33.9(13) -29.6(16) 146.6(8) -4.1(14) 175.4(9) 0.8(15) 2.8(14) -176.2(7) -2.9(14)
0.0 0.0 -176.3(16) 149.9(11) -33.9(13) -29.6(16) 146.6(8) -4.1(14) 175.4(9) 0.8(15) 2.8(14) -176.2(7) -2.9(14) 176.1(8)
0.0 0.0 -176.3(16) 149.9(11) -33.9(13) -29.6(16) 146.6(8) -4.1(14) 175.4(9) 0.8(15) 2.8(14) -176.2(7) -2.9(14) 176.1(8) 4.0(14)
0.0 0.0 -176.3(16) 149.9(11) -33.9(13) -29.6(16) 146.6(8) -4.1(14) 175.4(9) 0.8(15) 2.8(14) -176.2(7) -2.9(14) 176.1(8) 4.0(14) -175.6(9)
0.0 0.0 -176.3(16) 149.9(11) -33.9(13) -29.6(16) 146.6(8) -4.1(14) 175.4(9) 0.8(15) 2.8(14) -176.2(7) -2.9(14) 176.1(8) 4.0(14) -175.6(9) -0.6(15)
0.0 0.0 -176.3(16) 149.9(11) -33.9(13) -29.6(16) 146.6(8) -4.1(14) 175.4(9) 0.8(15) 2.8(14) -176.2(7) -2.9(14) 176.1(8) 4.0(14) -175.6(9) -0.6(15) -53.1(12)

Pt(1)-P(2)-C(59)-C(64)	-179.2(9)
C(65)-P(2)-C(59)-C(60)	121.7(10)
C(56)#1-P(2)-C(59)-C(60)	-129.0(9)
Pt(1)-P(2)-C(59)-C(60)	-4.4(10)
C(64)-C(59)-C(60)-C(61)	1.1(17)
P(2)-C(59)-C(60)-C(61)	-174.1(9)
C(59)-C(60)-C(61)-C(62)	-1.8(19)
C(60)-C(61)-C(62)-C(63)	0(2)
C(61)-C(62)-C(63)-C(64)	3(2)
C(60)-C(59)-C(64)-C(63)	1.6(19)
P(2)-C(59)-C(64)-C(63)	176.4(11)
C(62)-C(63)-C(64)-C(59)	-4(2)
C(59)-P(2)-C(65)-C(70)	139.5(13)
C(56)#1-P(2)-C(65)-C(70)	26.1(14)
Pt(1)-P(2)-C(65)-C(70)	-94.2(13)
C(59)-P(2)-C(65)-C(66)	-44.0(13)
C(56)#1-P(2)-C(65)-C(66)	-157.5(12)
Pt(1)-P(2)-C(65)-C(66)	82.2(13)
C(70)-C(65)-C(66)-C(67)	-2(2)
P(2)-C(65)-C(66)-C(67)	-178.8(11)
C(65)-C(66)-C(67)-C(68)	2(2)
C(66)-C(67)-C(68)-C(69)	-1(2)
C(67)-C(68)-C(69)-C(70)	1(2)
C(66)-C(65)-C(70)-C(69)	2(2)
P(2)-C(65)-C(70)-C(69)	178.8(11)
C(68)-C(69)-C(70)-C(65)	-2(2)

Symmetry transformations used to generate equivalent atoms:

#1 -x+1,-y+2,-z+2