

Atomic coordinates ($\times 10^4$) and equivalent isotropic displacement parameters ($\text{\AA}^2 \times 10^3$) for $[\text{Pt}_3(\mu\text{-PPh}_2)_2(\mu\text{-C}_6\text{F}_5)(\text{C}_6\text{F}_5)(\text{PPh}_3)_2]$ (**4**). U(eq) is defined as one third of the trace of the orthogonalized U_{ij} tensor.

	x	y	z	U(eq)
Pt(1)	8226(1)	7510(1)	1355(1)	30(1)
Pt(2)	7512(1)	8582(1)	2587(1)	29(1)
Pt(3)	7715(1)	6858(1)	2708(1)	29(1)
P(1)	8198(2)	8964(2)	1537(1)	32(1)
P(2)	8328(2)	6179(2)	1627(1)	31(1)
P(3)	6968(2)	9810(2)	3140(1)	32(1)
P(4)	7763(2)	5896(2)	3524(1)	32(1)
F(1)	10594(5)	7807(5)	827(4)	67(2)
F(2)	11105(6)	7437(6)	-661(4)	99(3)
F(3)	9485(7)	6721(6)	-2087(4)	112(3)
F(4)	7351(6)	6436(6)	-1993(4)	101(3)
F(5)	6806(5)	6799(5)	-527(3)	66(2)
F(6)	8468(5)	8377(4)	4569(3)	52(2)
F(7)	7232(6)	8688(4)	5682(3)	67(2)
F(8)	5011(6)	8130(5)	5213(4)	88(2)
F(9)	4007(5)	7224(6)	3609(5)	87(2)
F(10)	5184(5)	6880(4)	2468(3)	55(2)
C(1)	8673(8)	7295(6)	229(5)	36(2)
C(2)	9749(9)	7454(7)	144(6)	46(3)
C(3)	10045(9)	7273(8)	-625(7)	54(3)
C(4)	9248(12)	6924(10)	-1330(7)	71(4)
C(5)	8163(11)	6762(8)	-1297(6)	58(3)
C(6)	7893(9)	6954(7)	-524(5)	43(3)
C(7)	6900(8)	7679(6)	3450(5)	34(2)
C(8)	7349(8)	8109(6)	4298(5)	34(2)
C(9)	6757(10)	8268(6)	4878(5)	43(3)
C(10)	5622(10)	8000(7)	4640(6)	50(3)
C(11)	5096(8)	7535(7)	3820(7)	47(3)
C(12)	5739(8)	7366(6)	3258(5)	36(2)
C(13)	7337(8)	9249(6)	747(5)	34(2)
C(14)	7654(9)	10048(7)	491(6)	49(3)
C(15)	6966(11)	10199(9)	-144(7)	66(3)
C(16)	5942(12)	9565(10)	-540(8)	77(4)

C(17)	5642(11)	8769(10)	-292(8)	81(4)
C(18)	6331(10)	8619(8)	346(7)	58(3)
C(19)	9534(8)	9855(6)	1787(6)	38(2)
C(20)	10131(10)	10000(8)	1184(7)	60(3)
C(21)	11149(10)	10667(8)	1389(8)	70(4)
C(22)	11550(11)	11214(8)	2172(9)	73(4)
C(23)	10985(11)	11084(9)	2786(8)	74(4)
C(24)	9984(10)	10399(8)	2595(6)	58(3)
C(25)	9729(8)	6102(6)	1752(5)	34(2)
C(26)	10534(8)	6751(7)	2398(6)	45(3)
C(27)	11638(9)	6791(8)	2475(6)	55(3)
C(28)	11941(10)	6187(9)	1896(8)	68(4)
C(29)	11145(10)	5555(9)	1261(7)	67(4)
C(30)	10037(9)	5507(7)	1171(6)	50(3)
C(31)	7455(8)	5087(6)	903(5)	37(2)
C(32)	7589(9)	4240(6)	945(6)	48(3)
C(33)	6924(11)	3429(8)	363(8)	67(3)
C(34)	6109(12)	3476(8)	-241(9)	77(4)
C(35)	5948(10)	4291(9)	-278(8)	71(4)
C(36)	6608(9)	5109(8)	292(6)	51(3)
C(37)	7488(8)	10901(6)	2878(5)	34(2)
C(38)	6996(9)	10978(7)	2120(6)	45(3)
C(39)	7336(10)	11781(8)	1891(7)	56(3)
C(40)	8200(10)	12513(7)	2418(6)	55(3)
C(41)	8702(10)	12433(7)	3164(7)	60(3)
C(42)	8358(9)	11645(6)	3398(6)	46(3)
C(43)	5484(8)	9622(6)	2812(5)	34(2)
C(44)	5002(9)	10318(7)	3031(6)	47(3)
C(45)	3898(9)	10179(8)	2735(6)	49(3)
C(46)	3247(9)	9337(8)	2223(6)	54(3)
C(47)	3697(9)	8650(8)	1970(6)	53(3)
C(48)	4810(9)	8791(6)	2279(6)	44(3)
C(49)	7338(8)	10200(6)	4287(5)	32(2)
C(50)	6618(9)	10414(6)	4777(5)	41(2)
C(51)	6991(10)	10754(7)	5640(6)	55(3)
C(52)	8069(11)	10883(7)	6004(6)	55(3)
C(53)	8806(9)	10684(7)	5528(6)	50(3)
C(54)	8432(8)	10339(6)	4677(6)	39(2)

C(55)	7293(9)	6126(6)	4506(5)	40(2)
C(56)	7991(10)	6405(7)	5294(6)	51(3)
C(57)	7539(12)	6508(9)	5993(7)	69(4)
C(58)	6452(13)	6367(9)	5934(8)	73(4)
C(59)	5749(11)	6098(7)	5178(9)	68(4)
C(60)	6156(10)	5960(7)	4439(6)	49(3)
C(61)	9180(8)	5875(6)	3833(5)	35(2)
C(62)	9526(9)	5109(7)	3580(6)	52(3)
C(63)	10612(11)	5151(9)	3775(8)	68(3)
C(64)	11391(11)	5937(10)	4241(7)	71(4)
C(65)	11079(10)	6724(8)	4504(7)	62(3)
C(66)	9988(9)	6701(7)	4283(6)	48(3)
C(67)	6886(8)	4697(6)	3108(6)	39(2)
C(68)	6921(9)	4068(6)	3573(6)	47(3)
C(69)	6168(12)	3201(8)	3290(9)	72(4)
C(70)	5405(11)	2929(8)	2563(9)	68(4)
C(71)	5345(10)	3543(9)	2117(8)	72(4)
C(72)	6090(8)	4441(7)	2380(6)	47(3)

Bond lengths (Å) and angles (°) for [Pt₃(μ-PPh₂)₂(μ-C₆F₅)(C₆F₅)(PPh₃)₂] (4).

Pt(1)-C(1)	2.046(8)	Pt(1)-P(1)	2.233(2)	Pt(1)-P(2)	2.256(2)
Pt(1)-Pt(2)	2.7908(7)	Pt(1)-Pt(3)	2.7909(6)	Pt(2)-P(1)	2.219(2)
Pt(2)-P(3)	2.265(2)	Pt(2)-C(7)	2.320(9)	Pt(2)-Pt(3)	2.8180(6)
Pt(3)-C(7)	2.165(8)	Pt(3)-P(2)	2.253(2)	Pt(3)-P(4)	2.254(2)
P(1)-C(13)	1.805(9)	P(1)-C(19)	1.822(10)	P(2)-C(25)	1.815(10)
P(2)-C(31)	1.820(9)	P(3)-C(43)	1.824(10)	P(3)-C(37)	1.834(9)
P(3)-C(49)	1.839(9)	P(4)-C(61)	1.824(9)	P(4)-C(67)	1.827(9)
P(4)-C(55)	1.839(9)	F(1)-C(2)	1.352(11)	F(2)-C(3)	1.328(12)
F(3)-C(4)	1.345(11)	F(4)-C(5)	1.345(12)	F(5)-C(6)	1.350(11)
F(6)-C(8)	1.358(10)	F(7)-C(9)	1.335(10)	F(8)-C(10)	1.347(11)
F(9)-C(11)	1.315(11)	F(10)-C(12)	1.355(10)	C(1)-C(2)	1.371(14)
C(1)-C(6)	1.390(12)	C(2)-C(3)	1.396(13)	C(3)-C(4)	1.34(2)
C(4)-C(5)	1.36(2)	C(5)-C(6)	1.387(13)	C(7)-C(8)	1.395(11)
C(7)-C(12)	1.401(12)	C(8)-C(9)	1.345(13)	C(9)-C(10)	1.373(14)
C(10)-C(11)	1.381(14)	C(11)-C(12)	1.374(13)	C(13)-C(18)	1.366(13)
C(13)-C(14)	1.391(12)	C(14)-C(15)	1.382(14)	C(15)-C(16)	1.38(2)
C(16)-C(17)	1.38(2)	C(17)-C(18)	1.39(2)	C(19)-C(24)	1.378(12)
C(19)-C(20)	1.385(13)	C(20)-C(21)	1.378(15)	C(21)-C(22)	1.34(2)
C(22)-C(23)	1.37(2)	C(23)-C(24)	1.38(2)	C(25)-C(30)	1.372(12)
C(25)-C(26)	1.379(12)	C(26)-C(27)	1.385(14)	C(27)-C(28)	1.375(14)
C(28)-C(29)	1.35(2)	C(29)-C(30)	1.385(14)	C(31)-C(36)	1.392(13)
C(31)-C(32)	1.392(12)	C(32)-C(33)	1.387(14)	C(33)-C(34)	1.37(2)
C(34)-C(35)	1.36(2)	C(35)-C(36)	1.383(14)	C(37)-C(38)	1.381(12)
C(37)-C(42)	1.392(12)	C(38)-C(39)	1.373(13)	C(39)-C(40)	1.383(15)
C(40)-C(41)	1.369(14)	C(41)-C(42)	1.358(13)	C(43)-C(48)	1.377(12)
C(43)-C(44)	1.393(12)	C(44)-C(45)	1.370(14)	C(45)-C(46)	1.369(14)
C(46)-C(47)	1.364(14)	C(47)-C(48)	1.385(14)	C(49)-C(50)	1.384(12)
C(49)-C(54)	1.394(12)	C(50)-C(51)	1.391(13)	C(51)-C(52)	1.368(15)
C(52)-C(53)	1.380(14)	C(53)-C(54)	1.375(12)	C(55)-C(56)	1.390(13)
C(55)-C(60)	1.394(14)	C(56)-C(57)	1.385(14)	C(57)-C(58)	1.34(2)
C(58)-C(59)	1.35(2)	C(59)-C(60)	1.417(14)	C(61)-C(62)	1.384(12)
C(61)-C(66)	1.393(13)	C(62)-C(63)	1.362(15)	C(63)-C(64)	1.35(2)
C(64)-C(65)	1.39(2)	C(65)-C(66)	1.381(14)	C(67)-C(72)	1.376(13)
C(67)-C(68)	1.390(13)	C(68)-C(69)	1.373(14)	C(69)-C(70)	1.35(2)
C(70)-C(71)	1.35(2)	C(71)-C(72)	1.404(14)		

C(1)-Pt(1)-P(1)	99.7(3)	C(1)-Pt(1)-P(2)	97.6(3)
P(1)-Pt(1)-P(2)	161.26(8)	C(1)-Pt(1)-Pt(2)	150.0(3)
P(1)-Pt(1)-Pt(2)	50.96(6)	P(2)-Pt(1)-Pt(2)	112.35(6)
C(1)-Pt(1)-Pt(3)	149.2(3)	P(1)-Pt(1)-Pt(3)	111.06(6)
P(2)-Pt(1)-Pt(3)	51.71(6)	Pt(2)-Pt(1)-Pt(3)	60.64(2)
P(1)-Pt(2)-P(3)	103.01(8)	P(1)-Pt(2)-C(7)	158.8(2)
P(3)-Pt(2)-C(7)	97.9(2)	P(1)-Pt(2)-Pt(1)	51.40(6)
P(3)-Pt(2)-Pt(1)	153.64(6)	C(7)-Pt(2)-Pt(1)	107.4(2)
P(1)-Pt(2)-Pt(3)	110.55(6)	P(3)-Pt(2)-Pt(3)	146.42(6)
C(7)-Pt(2)-Pt(3)	48.7(2)	Pt(1)-Pt(2)-Pt(3)	59.68(2)
C(7)-Pt(3)-P(2)	162.0(2)	C(7)-Pt(3)-P(4)	95.5(2)
P(2)-Pt(3)-P(4)	101.00(8)	C(7)-Pt(3)-Pt(1)	112.3(2)
P(2)-Pt(3)-Pt(1)	51.80(6)	P(4)-Pt(3)-Pt(1)	152.12(6)
C(7)-Pt(3)-Pt(2)	53.6(2)	P(2)-Pt(3)-Pt(2)	111.47(6)
P(4)-Pt(3)-Pt(2)	146.67(6)	Pt(1)-Pt(3)-Pt(2)	59.68(2)
C(13)-P(1)-C(19)	105.0(4)	C(13)-P(1)-Pt(2)	119.1(3)
C(19)-P(1)-Pt(2)	117.9(3)	C(13)-P(1)-Pt(1)	119.4(3)
C(19)-P(1)-Pt(1)	116.8(3)	Pt(2)-P(1)-Pt(1)	77.64(8)
C(25)-P(2)-C(31)	105.5(4)	C(25)-P(2)-Pt(3)	121.7(3)
C(31)-P(2)-Pt(3)	120.0(3)	C(25)-P(2)-Pt(1)	112.1(3)
C(31)-P(2)-Pt(1)	119.1(3)	Pt(3)-P(2)-Pt(1)	76.49(7)
C(43)-P(3)-C(37)	98.9(4)	C(43)-P(3)-C(49)	107.6(4)
C(37)-P(3)-C(49)	101.1(4)	C(43)-P(3)-Pt(2)	113.6(3)
C(37)-P(3)-Pt(2)	119.7(3)	C(49)-P(3)-Pt(2)	114.1(3)
C(61)-P(4)-C(67)	107.0(4)	C(61)-P(4)-C(55)	104.8(4)
C(67)-P(4)-C(55)	96.6(4)	C(61)-P(4)-Pt(3)	109.7(3)
C(67)-P(4)-Pt(3)	118.1(3)	C(55)-P(4)-Pt(3)	119.0(3)
C(2)-C(1)-C(6)	114.0(8)	C(2)-C(1)-Pt(1)	123.9(7)
C(6)-C(1)-Pt(1)	122.1(7)	F(1)-C(2)-C(1)	120.3(9)
F(1)-C(2)-C(3)	116.1(10)	C(1)-C(2)-C(3)	123.6(10)
F(2)-C(3)-C(4)	120.3(10)	F(2)-C(3)-C(2)	120.3(10)
C(4)-C(3)-C(2)	119.3(11)	C(3)-C(4)-F(3)	121.8(12)
C(3)-C(4)-C(5)	120.6(10)	F(3)-C(4)-C(5)	117.6(11)
F(4)-C(5)-C(4)	121.7(10)	F(4)-C(5)-C(6)	119.4(11)
C(4)-C(5)-C(6)	118.9(10)	F(5)-C(6)-C(5)	116.5(9)
F(5)-C(6)-C(1)	119.8(8)	C(5)-C(6)-C(1)	123.6(10)
C(8)-C(7)-C(12)	112.9(8)	C(8)-C(7)-Pt(3)	121.1(7)
C(12)-C(7)-Pt(3)	116.4(6)	C(8)-C(7)-Pt(2)	113.7(6)

C(12)-C(7)-Pt(2)	109.5(6)	Pt(3)-C(7)-Pt(2)	77.8(3)
C(9)-C(8)-F(6)	116.8(8)	C(9)-C(8)-C(7)	125.0(9)
F(6)-C(8)-C(7)	118.1(8)	F(7)-C(9)-C(8)	122.5(10)
F(7)-C(9)-C(10)	118.2(9)	C(8)-C(9)-C(10)	119.3(9)
F(8)-C(10)-C(9)	120.3(10)	F(8)-C(10)-C(11)	119.4(11)
C(9)-C(10)-C(11)	120.1(9)	F(9)-C(11)-C(12)	122.0(10)
F(9)-C(11)-C(10)	119.7(9)	C(12)-C(11)-C(10)	118.2(10)
F(10)-C(12)-C(11)	116.0(9)	F(10)-C(12)-C(7)	119.7(8)
C(11)-C(12)-C(7)	124.3(9)	C(18)-C(13)-C(14)	117.8(9)
C(18)-C(13)-P(1)	118.0(8)	C(14)-C(13)-P(1)	124.2(8)
C(15)-C(14)-C(13)	120.8(11)	C(14)-C(15)-C(16)	121.2(11)
C(17)-C(16)-C(15)	117.5(11)	C(16)-C(17)-C(18)	121.2(13)
C(13)-C(18)-C(17)	121.4(11)	C(24)-C(19)-C(20)	118.0(10)
C(24)-C(19)-P(1)	120.3(8)	C(20)-C(19)-P(1)	121.7(7)
C(21)-C(20)-C(19)	120.8(10)	C(22)-C(21)-C(20)	120.1(11)
C(21)-C(22)-C(23)	120.6(12)	C(22)-C(23)-C(24)	119.7(11)
C(23)-C(24)-C(19)	120.6(11)	C(30)-C(25)-C(26)	119.1(9)
C(30)-C(25)-P(2)	122.4(7)	C(26)-C(25)-P(2)	117.9(7)
C(25)-C(26)-C(27)	120.7(9)	C(28)-C(27)-C(26)	119.9(10)
C(29)-C(28)-C(27)	118.9(11)	C(28)-C(29)-C(30)	122.0(10)
C(25)-C(30)-C(29)	119.3(10)	C(36)-C(31)-C(32)	119.1(9)
C(36)-C(31)-P(2)	117.9(7)	C(32)-C(31)-P(2)	123.0(8)
C(33)-C(32)-C(31)	120.8(10)	C(34)-C(33)-C(32)	118.6(11)
C(35)-C(34)-C(33)	121.4(11)	C(34)-C(35)-C(36)	120.9(12)
C(35)-C(36)-C(31)	119.1(11)	C(38)-C(37)-C(42)	118.6(9)
C(38)-C(37)-P(3)	117.9(7)	C(42)-C(37)-P(3)	123.4(7)
C(39)-C(38)-C(37)	120.8(10)	C(38)-C(39)-C(40)	119.6(10)
C(41)-C(40)-C(39)	119.6(10)	C(42)-C(41)-C(40)	121.0(10)
C(41)-C(42)-C(37)	120.3(10)	C(48)-C(43)-C(44)	117.5(9)
C(48)-C(43)-P(3)	120.1(7)	C(44)-C(43)-P(3)	122.3(7)
C(45)-C(44)-C(43)	121.3(10)	C(46)-C(45)-C(44)	119.7(10)
C(47)-C(46)-C(45)	120.6(11)	C(46)-C(47)-C(48)	119.4(10)
C(43)-C(48)-C(47)	121.4(10)	C(50)-C(49)-C(54)	118.6(8)
C(50)-C(49)-P(3)	124.0(7)	C(54)-C(49)-P(3)	117.3(7)
C(49)-C(50)-C(51)	119.9(10)	C(52)-C(51)-C(50)	120.1(10)
C(51)-C(52)-C(53)	121.0(9)	C(54)-C(53)-C(52)	118.7(10)
C(53)-C(54)-C(49)	121.6(9)	C(56)-C(55)-C(60)	119.2(9)
C(56)-C(55)-P(4)	124.0(8)	C(60)-C(55)-P(4)	116.7(7)

C(57)-C(56)-C(55)	119.2(11)	C(58)-C(57)-C(56)	122.0(12)
C(57)-C(58)-C(59)	120.4(11)	C(58)-C(59)-C(60)	120.3(12)
C(55)-C(60)-C(59)	118.9(11)	C(62)-C(61)-C(66)	117.6(9)
C(62)-C(61)-P(4)	124.0(8)	C(66)-C(61)-P(4)	118.1(7)
C(63)-C(62)-C(61)	121.6(10)	C(64)-C(63)-C(62)	121.1(11)
C(63)-C(64)-C(65)	119.1(12)	C(66)-C(65)-C(64)	120.4(11)
C(65)-C(66)-C(61)	120.1(10)	C(72)-C(67)-C(68)	119.4(9)
C(72)-C(67)-P(4)	119.8(8)	C(68)-C(67)-P(4)	120.3(7)
C(69)-C(68)-C(67)	119.2(11)	C(70)-C(69)-C(68)	122.1(12)
C(71)-C(70)-C(69)	119.1(11)	C(70)-C(71)-C(72)	121.0(12)
C(67)-C(72)-C(71)	119.1(11)		

Anisotropic displacement parameters ($\text{\AA}^2 \times 10^3$) for $[\text{Pt}_3(\mu\text{-PPh}_2)_2(\mu\text{-C}_6\text{F}_5)(\text{C}_6\text{F}_5)(\text{PPh}_3)_2]$ (**4**). The anisotropic displacement factor exponent takes the form: $-2\pi^2[h^2a^{*2}U_{11} + \dots + 2hka^*b^*U_{12}]$.

	U_{11}	U_{22}	U_{33}	U_{23}	U_{13}	U_{12}
Pt(1)	40(1)	31(1)	24(1)	7(1)	10(1)	16(1)
Pt(2)	39(1)	28(1)	24(1)	7(1)	11(1)	15(1)
Pt(3)	37(1)	29(1)	24(1)	7(1)	10(1)	15(1)
P(1)	40(2)	33(1)	27(1)	9(1)	12(1)	14(1)
P(2)	41(2)	31(1)	26(1)	7(1)	11(1)	17(1)
P(3)	43(2)	29(1)	28(1)	8(1)	12(1)	15(1)
P(4)	42(2)	30(1)	27(1)	6(1)	9(1)	15(1)
F(1)	50(4)	87(5)	53(4)	14(3)	8(3)	12(4)
F(2)	63(5)	167(8)	81(5)	40(5)	47(4)	37(5)
F(3)	116(7)	188(9)	44(4)	21(5)	56(4)	57(6)
F(4)	85(6)	175(8)	32(4)	18(4)	5(4)	33(6)
F(5)	57(4)	107(5)	40(3)	17(3)	11(3)	38(4)
F(6)	51(4)	52(4)	41(3)	6(3)	-1(3)	11(3)
F(7)	106(6)	60(4)	32(3)	3(3)	20(3)	30(4)
F(8)	109(6)	108(6)	80(5)	27(4)	66(5)	61(5)
F(9)	31(4)	129(7)	104(6)	28(5)	25(4)	25(4)
F(10)	49(4)	59(4)	47(3)	10(3)	-2(3)	11(3)
C(1)	48(6)	41(5)	23(5)	11(4)	15(4)	13(5)
C(2)	55(7)	46(6)	41(6)	14(5)	11(5)	17(5)
C(3)	44(7)	76(8)	48(7)	15(6)	21(6)	24(6)
C(4)	81(10)	110(11)	37(6)	26(7)	31(7)	40(9)
C(5)	79(9)	75(8)	22(5)	12(5)	9(6)	29(7)
C(6)	55(7)	54(6)	29(5)	18(5)	11(5)	25(6)
C(7)	44(6)	33(5)	29(5)	8(4)	13(4)	16(5)
C(8)	39(6)	27(5)	39(5)	13(4)	5(5)	12(4)
C(9)	74(8)	39(6)	17(4)	3(4)	10(5)	25(6)
C(10)	68(8)	54(7)	49(6)	20(5)	35(6)	36(6)
C(11)	34(6)	60(7)	58(7)	18(5)	18(5)	26(5)
C(12)	37(6)	38(5)	33(5)	11(4)	3(4)	13(5)
C(13)	34(6)	41(5)	33(5)	9(4)	9(4)	19(5)
C(14)	61(8)	47(6)	47(6)	23(5)	17(5)	20(6)
C(15)	81(10)	81(9)	65(8)	48(7)	25(7)	43(8)

C(16)	85(11)	112(12)	60(8)	43(8)	10(7)	63(10)
C(17)	61(9)	99(11)	73(9)	19(8)	-9(7)	27(8)
C(18)	56(8)	53(7)	66(7)	20(6)	10(6)	18(6)
C(19)	41(6)	38(5)	37(5)	10(4)	8(5)	14(5)
C(20)	65(8)	59(7)	46(6)	3(5)	23(6)	6(6)
C(21)	61(9)	71(9)	75(9)	17(7)	33(7)	6(7)
C(22)	51(8)	55(8)	98(11)	11(7)	8(8)	6(6)
C(23)	62(9)	69(9)	66(8)	2(7)	-7(7)	8(7)
C(24)	63(8)	62(7)	41(6)	5(5)	13(6)	16(6)
C(25)	50(6)	33(5)	24(4)	10(4)	12(4)	17(5)
C(26)	40(6)	50(6)	45(6)	4(5)	19(5)	14(5)
C(27)	44(7)	70(8)	43(6)	7(5)	5(5)	12(6)
C(28)	38(7)	93(10)	87(9)	27(8)	28(7)	35(7)
C(29)	64(9)	77(9)	59(8)	-2(6)	20(7)	32(7)
C(30)	38(6)	59(7)	46(6)	-3(5)	9(5)	21(5)
C(31)	42(6)	30(5)	38(5)	6(4)	17(5)	9(4)
C(32)	56(7)	36(6)	51(6)	11(5)	11(5)	17(5)
C(33)	68(9)	40(7)	89(9)	7(6)	20(8)	16(6)
C(34)	77(10)	40(7)	93(10)	-19(7)	39(8)	0(7)
C(35)	45(8)	78(9)	70(8)	0(7)	4(6)	4(7)
C(36)	45(7)	60(7)	42(6)	8(5)	2(5)	16(6)
C(37)	44(6)	37(5)	29(5)	9(4)	11(4)	22(5)
C(38)	51(7)	42(6)	47(6)	21(5)	16(5)	13(5)
C(39)	72(9)	69(8)	45(6)	32(6)	28(6)	29(7)
C(40)	90(9)	35(6)	49(6)	18(5)	34(6)	18(6)
C(41)	71(9)	40(6)	59(7)	17(5)	12(6)	1(6)
C(42)	51(7)	36(6)	46(6)	17(5)	5(5)	6(5)
C(43)	38(6)	40(5)	31(5)	18(4)	16(4)	12(5)
C(44)	59(8)	47(6)	43(6)	15(5)	21(5)	21(6)
C(45)	48(7)	69(8)	57(7)	35(6)	29(6)	37(6)
C(46)	45(7)	79(8)	49(6)	29(6)	16(5)	25(7)
C(47)	50(7)	57(7)	42(6)	14(5)	-1(5)	6(6)
C(48)	58(7)	36(5)	40(5)	12(4)	6(5)	18(5)
C(49)	39(6)	31(5)	33(5)	13(4)	10(4)	16(4)
C(50)	55(7)	43(6)	33(5)	11(4)	20(5)	25(5)
C(51)	79(9)	61(7)	34(6)	13(5)	28(6)	29(7)
C(52)	84(9)	44(6)	28(5)	5(5)	8(6)	10(6)
C(53)	51(7)	49(6)	46(6)	11(5)	12(5)	10(5)

C(54)	42(6)	37(5)	39(5)	6(4)	13(5)	11(5)
C(55)	60(7)	25(5)	33(5)	7(4)	13(5)	10(5)
C(56)	66(8)	53(7)	42(6)	11(5)	17(6)	27(6)
C(57)	92(11)	83(9)	34(6)	14(6)	16(7)	31(8)
C(58)	111(12)	72(9)	57(8)	19(7)	54(9)	44(9)
C(59)	77(10)	45(7)	96(10)	23(7)	48(8)	24(7)
C(60)	63(8)	44(6)	49(6)	14(5)	22(6)	24(6)
C(61)	40(6)	45(6)	25(5)	9(4)	6(4)	21(5)
C(62)	57(8)	42(6)	57(7)	4(5)	13(6)	23(6)
C(63)	63(9)	73(9)	87(9)	24(7)	26(7)	48(7)
C(64)	62(9)	109(11)	56(7)	28(7)	5(7)	45(9)
C(65)	47(8)	71(8)	56(7)	3(6)	5(6)	14(6)
C(66)	49(7)	46(6)	46(6)	11(5)	4(5)	17(5)
C(67)	41(6)	37(5)	42(6)	7(4)	16(5)	14(5)
C(68)	57(7)	37(6)	48(6)	16(5)	16(5)	11(5)
C(69)	98(11)	37(7)	90(10)	22(7)	55(9)	16(7)
C(70)	68(9)	33(6)	92(10)	1(7)	36(8)	-3(6)
C(71)	49(8)	72(9)	66(8)	-14(7)	5(6)	3(7)
C(72)	37(6)	53(7)	46(6)	8(5)	3(5)	15(5)

Hydrogen coordinates ($\times 10^4$) and isotropic displacement parameters ($\text{\AA}^2 \times 10^3$) for $[\text{Pt}_3(\mu\text{-PPh}_2)_2(\mu\text{-C}_6\text{F}_5)(\text{C}_6\text{F}_5)(\text{PPh}_3)_2]$ (**4**).

	x	y	z	U(eq)
H(14)	8338(9)	10487(7)	749(6)	59
H(15)	7196(11)	10738(9)	-307(7)	79
H(16)	5472(12)	9673(10)	-959(8)	92
H(17)	4965(11)	8324(10)	-557(8)	97
H(18)	6102(10)	8077(8)	505(7)	70
H(20)	9843(10)	9643(8)	635(7)	72
H(21)	11558(10)	10738(8)	984(8)	84
H(22)	12217(11)	11686(8)	2299(9)	87
H(23)	11277(11)	11457(9)	3331(8)	88
H(24)	9609(10)	10303(8)	3014(6)	69
H(26)	10334(8)	7167(7)	2787(6)	55
H(27)	12173(9)	7225(8)	2918(6)	67
H(28)	12681(10)	6212(9)	1940(8)	81
H(29)	11347(10)	5140(9)	874(7)	80
H(30)	9509(9)	5077(7)	722(6)	59
H(32)	8130(9)	4218(6)	1368(6)	57
H(33)	7029(11)	2865(8)	381(8)	80
H(34)	5657(12)	2936(8)	-633(9)	93
H(35)	5386(10)	4302(9)	-693(8)	86
H(36)	6487(9)	5665(8)	267(6)	61
H(38)	6426(9)	10481(7)	1760(6)	54
H(39)	6988(10)	11831(8)	1385(7)	68
H(40)	8439(10)	13058(7)	2266(6)	66
H(41)	9286(10)	12925(7)	3515(7)	71
H(42)	8705(9)	11604(6)	3908(6)	55
H(44)	5439(9)	10888(7)	3385(6)	56
H(45)	3593(9)	10654(8)	2882(6)	59
H(46)	2490(9)	9233(8)	2046(6)	65
H(47)	3261(9)	8093(8)	1594(6)	63
H(48)	5110(9)	8313(6)	2123(6)	53
H(50)	5886(9)	10332(6)	4530(5)	49
H(51)	6506(10)	10894(7)	5969(6)	66
H(52)	8310(11)	11108(7)	6581(6)	66
H(53)	9541(9)	10782(7)	5778(6)	60

H(54)	8921(8)	10194(6)	4353(6)	47
H(56)	8752(10)	6520(7)	5352(6)	62
H(57)	8005(12)	6680(9)	6519(7)	83
H(58)	6178(13)	6456(9)	6416(8)	87
H(59)	4995(11)	6002(7)	5143(9)	82
H(60)	5674(10)	5762(7)	3917(6)	59
H(62)	9004(9)	4553(7)	3269(6)	62
H(63)	10819(11)	4627(9)	3583(8)	82
H(64)	12126(11)	5953(10)	4385(7)	86
H(65)	11609(10)	7268(8)	4830(7)	74
H(66)	9793(9)	7238(7)	4435(6)	57
H(68)	7447(9)	4234(6)	4070(6)	56
H(69)	6183(12)	2786(8)	3610(9)	86
H(70)	4928(11)	2327(8)	2372(9)	82
H(71)	4802(10)	3367(9)	1628(8)	86
H(72)	6047(8)	4858(7)	2067(6)	56

Notes about the data collection for $[\text{Pt}_3\text{Ag}(\mu\text{-PPh}_2)_2(\mu\text{-C}_6\text{F}_5)(\text{C}_6\text{F}_5)(\text{OCIO}_3)(\text{PPh}_3)_2]\cdot 2\text{CH}_2\text{Cl}_2$ ($7\cdot 2\text{CH}_2\text{Cl}_2$).

The crystals were found to be unstable at room temperature; and repeated power failures – which rendered the low-temperature device of the diffractometer inoperative for a time – led to difficulties in the data collection. After several attempts to obtain a complete set of data from one crystal, it was decided to merge the data from two different crystals to obtain a complete set. Both of the crystals used for this purpose came from the same crystallization batch. Accurate unit cell dimensions were determined from Crystal 1, using 25 reflections in the range $22.6 < 2\theta < 31.7^\circ$, each centered at four different goniometer positions. Diffracted intensities were measured for a hemisphere of reciprocal space, in the range $4.0 < 2\theta < 50.0^\circ$, using ω scans. For the first crystal, 8852 intensity data (other than checks) were collected, of which 8158 unique observations remained after averaging of duplicate and equivalent measurements (R_{int} 0.0200). For the second crystal, 4627 intensity data (other than checks) were collected, and data averaging yielded 4620 unique observations (R_{int} 0.0121). Absorption corrections were applied independently to the two data sets. For the data from Crystal 1, absorption corrections were based on 686 azimuthal scan data, and for Crystal 2 the absorption corrections were based on 664 azimuthal scan data. Although the merging of the two sets of data was handled in the final structure refinement by the use of independent scale factors, an initial test of the compatibility of the two sets was conducted by merging them using a least-squares fit of common reflections to derive the relative scale factors (1.0 for Crystal 1 and 4.042 for Crystal 2). This procedure yielded a single data set with 12690 unique reflections (R_{int} 0.0196), of which 11500 had $I > 2\sigma(I)$. *N.b.*, this data set was not used in the structure determination.

Atomic coordinates ($\times 10^4$) and equivalent isotropic displacement parameters ($\text{\AA}^2 \times 10^3$) for $[\text{Pt}_3\text{Ag}(\mu\text{-PPh}_2)_2(\mu\text{-C}_6\text{F}_5)(\text{C}_6\text{F}_5)(\text{OCIO}_3)(\text{PPh}_3)_2]\cdot 2\text{CH}_2\text{Cl}_2$ ($7\cdot 2\text{CH}_2\text{Cl}_2$). $U(\text{eq})$ is defined as one third of the trace of the orthogonalized U_{ij} tensor.

	x	y	z	U(eq)
Pt(1)	7942(1)	4636(1)	7872(1)	14(1)
Pt(2)	7922(1)	3465(1)	6798(1)	14(1)
Pt(3)	7877(1)	2629(1)	7894(1)	14(1)
Ag	9905(1)	3678(1)	7559(1)	21(1)
P(1)	8069(1)	5045(1)	6920(1)	15(1)
P(2)	7814(2)	3726(1)	8667(1)	16(1)
P(3)	7695(1)	3239(1)	5794(1)	15(1)
P(4)	7905(2)	1316(1)	8425(1)	17(1)
Cl(1)	12590(2)	3409(1)	7295(1)	35(1)
O(1)	11835(5)	3789(5)	7752(3)	59(2)
O(2)	13145(7)	2648(6)	7522(4)	81(3)
O(3)	11885(6)	3096(5)	6776(3)	62(2)
O(4)	13430(7)	4125(6)	7148(4)	93(3)
F(1)	5675(4)	5693(3)	8332(2)	33(1)
F(2)	5437(4)	7401(3)	8869(2)	43(1)
F(3)	7351(4)	8617(3)	9123(2)	38(1)
F(4)	9525(4)	8103(3)	8794(2)	37(1)
F(5)	9796(3)	6375(3)	8287(2)	29(1)
F(6)	5639(3)	1869(3)	7121(2)	30(1)
F(7)	5255(4)	260(3)	6409(2)	38(1)
F(8)	7076(5)	-617(3)	5941(2)	45(1)
F(9)	9307(4)	40(3)	6223(2)	43(1)
F(10)	9724(3)	1591(3)	6967(2)	25(1)
C(1)	7761(6)	5945(4)	8288(3)	16(1)
C(2)	6657(6)	6269(5)	8445(3)	22(2)
C(3)	6518(7)	7134(5)	8724(3)	26(2)
C(4)	7473(7)	7751(5)	8854(3)	26(2)
C(5)	8569(7)	7488(5)	8689(3)	26(2)
C(6)	8693(6)	6605(4)	8414(3)	21(1)
C(7)	7695(6)	1862(4)	7027(3)	16(1)
C(8)	6576(6)	1457(4)	6888(3)	20(1)
C(9)	6350(6)	636(5)	6525(3)	25(2)
C(10)	7278(7)	175(5)	6298(3)	28(2)

C(11)	8417(7)	526(5)	6431(3)	26(2)
C(12)	8592(6)	1327(5)	6804(3)	20(1)
C(13)	6920(6)	5697(4)	6621(3)	21(1)
C(14)	5791(6)	5534(5)	6847(3)	28(2)
C(15)	4889(7)	6040(6)	6661(4)	41(2)
C(16)	5093(7)	6721(6)	6237(4)	38(2)
C(17)	6190(7)	6882(5)	6010(3)	33(2)
C(18)	7095(6)	6372(4)	6188(3)	22(1)
C(19)	9450(6)	5677(4)	6764(3)	18(1)
C(20)	9594(6)	6650(5)	6937(3)	27(2)
C(21)	10684(7)	7136(5)	6909(4)	31(2)
C(22)	11636(7)	6669(5)	6693(4)	36(2)
C(23)	11499(6)	5708(6)	6520(4)	33(2)
C(24)	10416(6)	5216(5)	6559(3)	23(2)
C(25)	6404(6)	3734(4)	9041(3)	20(1)
C(26)	5406(6)	3635(5)	8671(4)	29(2)
C(27)	4305(7)	3641(6)	8908(4)	37(2)
C(28)	4197(7)	3765(6)	9521(4)	40(2)
C(29)	5180(7)	3871(5)	9892(4)	36(2)
C(30)	6286(7)	3871(5)	9646(3)	27(2)
C(31)	8988(6)	3782(4)	9215(3)	17(1)
C(32)	8952(6)	3228(5)	9705(3)	25(2)
C(33)	9912(7)	3249(5)	10086(3)	32(2)
C(34)	10903(7)	3802(5)	9984(3)	30(2)
C(35)	10980(7)	4341(5)	9501(3)	32(2)
C(36)	10008(6)	4342(5)	9116(3)	24(2)
C(37)	7554(6)	4257(4)	5338(3)	18(1)
C(38)	8528(6)	4888(4)	5289(3)	20(1)
C(39)	8476(6)	5659(5)	4937(3)	25(2)
C(40)	7453(7)	5798(5)	4629(3)	29(2)
C(41)	6490(7)	5164(5)	4665(3)	30(2)
C(42)	6518(6)	4398(5)	5024(3)	23(2)
C(43)	8902(6)	2669(4)	5427(3)	18(1)
C(44)	8920(6)	2489(5)	4806(3)	24(2)
C(45)	9827(7)	2026(5)	4546(4)	35(2)
C(46)	10727(7)	1749(5)	4897(4)	35(2)
C(47)	10747(6)	1962(5)	5503(3)	29(2)
C(48)	9849(6)	2427(4)	5765(3)	23(2)

C(49)	6344(6)	2504(5)	5618(3)	19(1)
C(50)	6253(6)	1774(5)	5161(3)	24(2)
C(51)	5174(7)	1281(5)	5037(4)	34(2)
C(52)	4185(7)	1519(5)	5361(4)	34(2)
C(53)	4283(6)	2217(5)	5812(3)	28(2)
C(54)	5356(6)	2715(5)	5935(3)	23(2)
C(55)	7553(6)	173(4)	8011(3)	22(1)
C(56)	6414(8)	-258(5)	7967(4)	37(2)
C(57)	6201(9)	-1136(6)	7644(4)	45(2)
C(58)	7088(10)	-1566(5)	7366(4)	48(3)
C(59)	8195(10)	-1140(5)	7394(4)	48(2)
C(60)	8441(7)	-289(5)	7717(3)	29(2)
C(61)	6902(7)	1279(5)	9049(4)	29(2)
C(62)	5752(7)	1458(5)	8935(4)	40(2)
C(63)	4947(10)	1425(6)	9395(6)	69(4)
C(64)	5264(13)	1229(6)	9961(6)	74(4)
C(65)	6409(14)	1058(6)	10070(5)	69(4)
C(66)	7243(9)	1072(5)	9623(3)	41(2)
C(67)	9369(6)	1168(5)	8726(3)	22(2)
C(68)	9575(7)	343(5)	9017(4)	37(2)
C(69)	10677(8)	230(6)	9244(5)	52(3)
C(70)	11578(8)	928(7)	9177(5)	63(3)
C(71)	11389(7)	1728(6)	8886(5)	46(2)
C(72)	10293(7)	1845(5)	8657(3)	29(2)
C(73)	12476(14)	467(6)	6922(3)	116(1)
Cl(2) ^a	11978(6)	-70(5)	7537(3)	116(1)
Cl(2') ^b	12879(13)	89(10)	7600(5)	116(1)
Cl(3)	12293(4)	-277(3)	6295(2)	116(1)
C(74) ^c	2829(18)	-3465(6)	8145(3)	79(1)
Cl(4) ^c	3108(5)	-2325(5)	7951(2)	79(1)
Cl(5) ^c	2552(4)	-3574(4)	8881(2)	79(1)
C(74') ^d	3420(2)	-3099(8)	8101(18)	114(3)
Cl(4') ^d	2708(11)	-2099(8)	8263(6)	114(3)
Cl(5') ^d	2682(10)	-4106(7)	8318(6)	114(3)

^a Occupancy 0.7. ^b Occupancy 0.3. ^c Occupancy 0.6. ^d Occupancy 0.4.

Bond lengths (Å) and angles (°) for $[[\text{Pt}_3\text{Ag}(\mu\text{-PPh}_2)_2(\mu\text{-C}_6\text{F}_5)(\text{C}_6\text{F}_5)(\text{OCIO}_3)(\text{PPh}_3)_2]\cdot 2\text{CH}_2\text{Cl}_2 (7\cdot 2\text{CH}_2\text{Cl}_2)$.

Pt(1)–C(1)	2.046(6)	Pt(1)–P(1)	2.2508(16)	Pt(1)–P(2)	2.2637(17)
Pt(1)–Ag	2.7777(6)	Pt(1)–Pt(3)	2.8354(3)	Pt(1)–Pt(2)	2.8380(4)
Pt(2)–P(1)	2.2270(15)	Pt(2)–P(3)	2.2695(16)	Pt(2)–C(7)	2.349(6)
Pt(2)–Pt(3)	2.7940(4)	Pt(2)–Ag	2.8127(7)	Pt(3)–C(7)	2.172(6)
Pt(3)–P(2)	2.2593(17)	Pt(3)–P(4)	2.2681(16)	Pt(3)–Ag	2.7952(6)
Ag–O(1)	2.236(6)	P(1)–C(13)	1.805(7)	P(1)–C(19)	1.805(7)
P(2)–C(31)	1.807(7)	P(2)–C(25)	1.826(7)	P(3)–C(49)	1.823(7)
P(3)–C(43)	1.825(7)	P(3)–C(37)	1.830(6)	P(4)–C(61)	1.821(7)
P(4)–C(55)	1.829(7)	P(4)–C(67)	1.830(7)	Cl(1)–O(4)	1.401(7)
Cl(1)–O(2)	1.406(7)	Cl(1)–O(3)	1.439(7)	Cl(1)–O(1)	1.450(6)
F(1)–C(2)	1.350(8)	F(2)–C(3)	1.355(8)	F(3)–C(4)	1.348(7)
F(4)–C(5)	1.355(8)	F(5)–C(6)	1.353(8)	F(6)–C(8)	1.350(8)
F(7)–C(9)	1.341(8)	F(8)–C(10)	1.341(8)	F(9)–C(11)	1.340(8)
F(10)–C(12)	1.361(8)	C(1)–C(6)	1.379(9)	C(1)–C(2)	1.412(9)
C(2)–C(3)	1.360(9)	C(3)–C(4)	1.365(11)	C(4)–C(5)	1.380(11)
C(5)–C(6)	1.375(9)	C(7)–C(8)	1.388(9)	C(7)–C(12)	1.396(9)
C(8)–C(9)	1.382(9)	C(9)–C(10)	1.371(11)	C(10)–C(11)	1.381(11)
C(11)–C(12)	1.368(9)	C(13)–C(14)	1.400(10)	C(13)–C(18)	1.410(9)
C(14)–C(15)	1.373(10)	C(15)–C(16)	1.404(12)	C(16)–C(17)	1.367(12)
C(17)–C(18)	1.372(10)	C(19)–C(24)	1.389(9)	C(19)–C(20)	1.403(9)
C(20)–C(21)	1.382(10)	C(21)–C(22)	1.388(11)	C(22)–C(23)	1.387(11)
C(23)–C(24)	1.382(10)	C(25)–C(30)	1.370(10)	C(25)–C(26)	1.398(10)
C(26)–C(27)	1.370(11)	C(27)–C(28)	1.387(12)	C(28)–C(29)	1.385(12)
C(29)–C(30)	1.385(11)	C(31)–C(32)	1.387(9)	C(31)–C(36)	1.389(9)
C(32)–C(33)	1.384(10)	C(33)–C(34)	1.357(11)	C(34)–C(35)	1.363(11)
C(35)–C(36)	1.402(10)	C(37)–C(38)	1.384(9)	C(37)–C(42)	1.405(9)
C(38)–C(39)	1.389(9)	C(39)–C(40)	1.385(10)	C(40)–C(41)	1.374(11)
C(41)–C(42)	1.390(10)	C(43)–C(48)	1.390(9)	C(43)–C(44)	1.404(9)
C(44)–C(45)	1.381(10)	C(45)–C(46)	1.384(11)	C(46)–C(47)	1.374(11)
C(47)–C(48)	1.376(10)	C(49)–C(54)	1.381(10)	C(49)–C(50)	1.406(9)
C(50)–C(51)	1.388(10)	C(51)–C(52)	1.401(12)	C(52)–C(53)	1.368(11)
C(53)–C(54)	1.385(10)	C(55)–C(60)	1.395(10)	C(55)–C(56)	1.397(11)
C(56)–C(57)	1.403(11)	C(57)–C(58)	1.356(14)	C(58)–C(59)	1.360(14)
C(59)–C(60)	1.376(10)	C(61)–C(62)	1.380(12)	C(61)–C(66)	1.396(11)
C(62)–C(63)	1.392(12)	C(63)–C(64)	1.369(18)	C(64)–C(65)	1.370(19)

C(65)–C(66)	1.391(14)	C(67)–C(72)	1.390(10)	C(67)–C(68)	1.404(9)
C(68)–C(69)	1.378(11)	C(69)–C(70)	1.389(12)	C(70)–C(71)	1.369(12)
C(71)–C(72)	1.376(11)	C(73)–Cl(2)	1.698(5)	C(73)–Cl(3)	1.706(5)
C(73)–Cl(2')	1.714(5)	C(74)–Cl(5)	1.699(5)	C(74)–Cl(4)	1.704(5)
C(74')–Cl(5')	1.700(5)	C(74')–Cl(4')	1.701(5)		

C(1)–Pt(1)–P(1)	99.60(17)	C(1)–Pt(1)–P(2)	99.96(18)
P(1)–Pt(1)–P(2)	160.33(6)	C(1)–Pt(1)–Ag	132.13(19)
P(1)–Pt(1)–Ag	82.12(4)	P(2)–Pt(1)–Ag	86.28(4)
C(1)–Pt(1)–Pt(3)	150.65(17)	P(1)–Pt(1)–Pt(3)	109.22(4)
P(2)–Pt(1)–Pt(3)	51.11(4)	Ag–Pt(1)–Pt(3)	59.723(14)
C(1)–Pt(1)–Pt(2)	148.87(17)	P(1)–Pt(1)–Pt(2)	50.30(4)
P(2)–Pt(1)–Pt(2)	110.05(4)	Ag–Pt(1)–Pt(2)	60.103(17)
Pt(3)–Pt(1)–Pt(2)	59.006(10)	P(1)–Pt(2)–P(3)	101.48(6)
P(1)–Pt(2)–C(7)	160.24(16)	P(3)–Pt(2)–C(7)	97.83(16)
P(1)–Pt(2)–Pt(3)	111.40(4)	P(3)–Pt(2)–Pt(3)	146.71(4)
C(7)–Pt(2)–Pt(3)	49.02(15)	P(1)–Pt(2)–Ag	81.72(4)
P(3)–Pt(2)–Ag	133.00(4)	C(7)–Pt(2)–Ag	88.23(16)
Pt(3)–Pt(2)–Ag	59.808(16)	P(1)–Pt(2)–Pt(1)	51.04(4)
P(3)–Pt(2)–Pt(1)	151.45(4)	C(7)–Pt(2)–Pt(1)	109.23(15)
Pt(3)–Pt(2)–Pt(1)	60.450(9)	Ag–Pt(2)–Pt(1)	58.886(16)
C(7)–Pt(3)–P(2)	164.36(16)	C(7)–Pt(3)–P(4)	95.60(16)
P(2)–Pt(3)–P(4)	98.34(6)	C(7)–Pt(3)–Pt(2)	54.74(15)
P(2)–Pt(3)–Pt(2)	111.73(4)	P(4)–Pt(3)–Pt(2)	149.92(4)
C(7)–Pt(3)–Ag	92.31(17)	P(2)–Pt(3)–Ag	85.94(5)
P(4)–Pt(3)–Ag	123.35(5)	Pt(2)–Pt(3)–Ag	60.429(17)
C(7)–Pt(3)–Pt(1)	115.01(15)	P(2)–Pt(3)–Pt(1)	51.25(4)
P(4)–Pt(3)–Pt(1)	149.38(4)	Pt(2)–Pt(3)–Pt(1)	60.544(10)
Ag–Pt(3)–Pt(1)	59.113(14)	O(1)–Ag–Pt(1)	138.77(17)
O(1)–Ag–Pt(3)	139.2(2)	Pt(1)–Ag–Pt(3)	61.164(13)
O(1)–Ag–Pt(2)	153.78(18)	Pt(1)–Ag–Pt(2)	61.012(13)
Pt(3)–Ag–Pt(2)	59.764(13)	C(13)–P(1)–C(19)	107.4(3)
C(13)–P(1)–Pt(2)	118.8(2)	C(19)–P(1)–Pt(2)	118.6(2)
C(13)–P(1)–Pt(1)	118.5(2)	C(19)–P(1)–Pt(1)	112.9(2)
Pt(2)–P(1)–Pt(1)	78.66(5)	C(31)–P(2)–C(25)	109.7(3)
C(31)–P(2)–Pt(3)	117.2(2)	C(25)–P(2)–Pt(3)	114.6(2)
C(31)–P(2)–Pt(1)	120.8(2)	C(25)–P(2)–Pt(1)	113.8(2)
Pt(3)–P(2)–Pt(1)	77.64(5)	C(49)–P(3)–C(43)	108.1(3)

C(49)–P(3)–C(37)	102.8(3)	C(43)–P(3)–C(37)	101.3(3)
C(49)–P(3)–Pt(2)	109.5(2)	C(43)–P(3)–Pt(2)	113.8(2)
C(37)–P(3)–Pt(2)	120.2(2)	C(61)–P(4)–C(55)	103.2(3)
C(61)–P(4)–C(67)	106.8(4)	C(55)–P(4)–C(67)	102.1(3)
C(61)–P(4)–Pt(3)	115.1(2)	C(55)–P(4)–Pt(3)	116.4(2)
C(67)–P(4)–Pt(3)	111.9(2)	O(4)–Cl(1)–O(2)	110.0(6)
O(4)–Cl(1)–O(3)	109.6(5)	O(2)–Cl(1)–O(3)	111.0(5)
O(4)–Cl(1)–O(1)	109.0(5)	O(2)–Cl(1)–O(1)	108.5(5)
O(3)–Cl(1)–O(1)	108.7(4)	Cl(1)–O(1)–Ag	117.4(4)
C(6)–C(1)–C(2)	114.2(5)	C(6)–C(1)–Pt(1)	123.2(5)
C(2)–C(1)–Pt(1)	122.6(5)	F(1)–C(2)–C(3)	116.8(6)
F(1)–C(2)–C(1)	119.7(5)	C(3)–C(2)–C(1)	123.5(6)
F(2)–C(3)–C(2)	120.9(7)	F(2)–C(3)–C(4)	119.2(6)
C(2)–C(3)–C(4)	119.9(7)	F(3)–C(4)–C(3)	120.8(7)
F(3)–C(4)–C(5)	120.2(6)	C(3)–C(4)–C(5)	119.0(6)
F(4)–C(5)–C(6)	119.9(7)	F(4)–C(5)–C(4)	119.9(6)
C(6)–C(5)–C(4)	120.1(6)	F(5)–C(6)–C(5)	117.2(6)
F(5)–C(6)–C(1)	119.6(5)	C(5)–C(6)–C(1)	123.1(7)
C(8)–C(7)–C(12)	113.9(5)	C(8)–C(7)–Pt(3)	115.0(5)
C(12)–C(7)–Pt(3)	120.6(5)	C(8)–C(7)–Pt(2)	112.1(4)
C(12)–C(7)–Pt(2)	113.2(4)	Pt(3)–C(7)–Pt(2)	76.24(18)
F(6)–C(8)–C(9)	116.9(6)	F(6)–C(8)–C(7)	119.2(5)
C(9)–C(8)–C(7)	123.8(6)	F(7)–C(9)–C(10)	119.2(6)
F(7)–C(9)–C(8)	121.9(7)	C(10)–C(9)–C(8)	118.8(6)
F(8)–C(10)–C(9)	119.6(7)	F(8)–C(10)–C(11)	120.0(7)
C(9)–C(10)–C(11)	120.4(6)	F(9)–C(11)–C(12)	122.2(7)
F(9)–C(11)–C(10)	119.2(6)	C(12)–C(11)–C(10)	118.5(6)
F(10)–C(12)–C(11)	116.1(6)	F(10)–C(12)–C(7)	119.6(6)
C(11)–C(12)–C(7)	124.3(6)	C(14)–C(13)–C(18)	118.3(6)
C(14)–C(13)–P(1)	117.4(5)	C(18)–C(13)–P(1)	124.2(6)
C(15)–C(14)–C(13)	120.5(7)	C(14)–C(15)–C(16)	120.0(7)
C(17)–C(16)–C(15)	120.0(7)	C(16)–C(17)–C(18)	120.4(7)
C(17)–C(18)–C(13)	120.7(7)	C(24)–C(19)–C(20)	119.0(6)
C(24)–C(19)–P(1)	122.4(5)	C(20)–C(19)–P(1)	117.9(5)
C(21)–C(20)–C(19)	120.2(7)	C(20)–C(21)–C(22)	120.2(7)
C(23)–C(22)–C(21)	119.9(7)	C(24)–C(23)–C(22)	120.1(7)
C(23)–C(24)–C(19)	120.6(6)	C(30)–C(25)–C(26)	119.8(7)
C(30)–C(25)–P(2)	123.9(6)	C(26)–C(25)–P(2)	116.2(5)

C(27)–C(26)–C(25)	120.8(7)	C(26)–C(27)–C(28)	118.8(8)
C(29)–C(28)–C(27)	120.9(7)	C(30)–C(29)–C(28)	119.5(7)
C(25)–C(30)–C(29)	120.0(7)	C(32)–C(31)–C(36)	118.6(6)
C(32)–C(31)–P(2)	122.7(5)	C(36)–C(31)–P(2)	118.5(5)
C(33)–C(32)–C(31)	120.1(7)	C(34)–C(33)–C(32)	120.6(7)
C(33)–C(34)–C(35)	121.0(7)	C(34)–C(35)–C(36)	119.2(7)
C(31)–C(36)–C(35)	120.5(7)	C(38)–C(37)–C(42)	119.4(6)
C(38)–C(37)–P(3)	117.9(5)	C(42)–C(37)–P(3)	122.6(5)
C(37)–C(38)–C(39)	120.2(6)	C(40)–C(39)–C(38)	120.3(7)
C(41)–C(40)–C(39)	119.9(6)	C(40)–C(41)–C(42)	120.6(7)
C(41)–C(42)–C(37)	119.6(6)	C(48)–C(43)–C(44)	118.5(6)
C(48)–C(43)–P(3)	119.8(5)	C(44)–C(43)–P(3)	121.7(5)
C(45)–C(44)–C(43)	120.1(7)	C(44)–C(45)–C(46)	120.0(7)
C(47)–C(46)–C(45)	120.4(7)	C(46)–C(47)–C(48)	120.0(7)
C(47)–C(48)–C(43)	120.9(7)	C(54)–C(49)–C(50)	119.2(6)
C(54)–C(49)–P(3)	117.4(5)	C(50)–C(49)–P(3)	123.3(5)
C(51)–C(50)–C(49)	119.5(7)	C(50)–C(51)–C(52)	120.0(7)
C(53)–C(52)–C(51)	120.2(7)	C(52)–C(53)–C(54)	119.9(7)
C(49)–C(54)–C(53)	121.1(6)	C(60)–C(55)–C(56)	117.8(6)
C(60)–C(55)–P(4)	119.7(5)	C(56)–C(55)–P(4)	122.5(6)
C(55)–C(56)–C(57)	119.7(8)	C(58)–C(57)–C(56)	120.7(9)
C(57)–C(58)–C(59)	120.0(7)	C(58)–C(59)–C(60)	120.9(9)
C(59)–C(60)–C(55)	120.8(8)	C(62)–C(61)–C(66)	119.9(8)
C(62)–C(61)–P(4)	117.0(7)	C(66)–C(61)–P(4)	123.2(7)
C(61)–C(62)–C(63)	119.2(10)	C(64)–C(63)–C(62)	121.9(11)
C(65)–C(64)–C(63)	118.3(10)	C(64)–C(65)–C(66)	121.9(11)
C(65)–C(66)–C(61)	118.8(10)	C(72)–C(67)–C(68)	119.2(7)
C(72)–C(67)–P(4)	121.1(5)	C(68)–C(67)–P(4)	119.6(5)
C(69)–C(68)–C(67)	119.7(7)	C(68)–C(69)–C(70)	119.7(7)
C(71)–C(70)–C(69)	121.0(8)	C(70)–C(71)–C(72)	119.7(7)
C(71)–C(72)–C(67)	120.6(6)	Cl(2)–C(73)–Cl(3)	111.5(6)
Cl(2)–C(73)–Cl(2')	35.6(5)	Cl(3)–C(73)–Cl(2')	123.0(9)
Cl(5)–C(74)–Cl(4)	114.5(5)	Cl(5')–C(74')–Cl(4')	113.4(10)

Anisotropic displacement parameters ($\text{\AA}^2 \times 10^3$) for $[\text{Pt}_3\text{Ag}(\mu\text{-PPh}_2)_2(\mu\text{-C}_6\text{F}_5)(\text{C}_6\text{F}_5)(\text{OCIO}_3)(\text{PPh}_3)_2]\cdot 2\text{CH}_2\text{Cl}_2$ (**7**· $2\text{CH}_2\text{Cl}_2$). The anisotropic displacement factor exponent takes the form: $-2\pi^2[h^2a^{*2}U_{11} + \dots + 2hkab^*U_{12}]$.

	U_{11}	U_{22}	U_{33}	U_{23}	U_{13}	U_{12}
Pt(1)	16(1)	13(1)	14(1)	0(1)	0(1)	2(1)
Pt(2)	15(1)	13(1)	13(1)	0(1)	0(1)	2(1)
Pt(3)	17(1)	13(1)	14(1)	0(1)	-1(1)	1(1)
Ag	14(1)	24(1)	24(1)	2(1)	-1(1)	2(1)
P(1)	17(1)	13(1)	14(1)	1(1)	-1(1)	3(1)
P(2)	19(1)	15(1)	15(1)	0(1)	-2(1)	1(1)
P(3)	15(1)	17(1)	14(1)	0(1)	0(1)	3(1)
P(4)	20(1)	15(1)	17(1)	2(1)	-1(1)	0(1)
Cl(1)	18(1)	49(1)	37(1)	7(1)	0(1)	3(1)
O(1)	20(3)	92(5)	62(5)	-20(4)	-5(3)	11(3)
O(2)	80(6)	90(6)	80(6)	7(4)	-26(5)	51(5)
O(3)	46(4)	92(5)	47(4)	-6(4)	-14(3)	7(4)
O(4)	52(5)	108(7)	115(7)	29(6)	6(5)	-41(5)
F(1)	21(2)	26(2)	49(3)	-6(2)	7(2)	1(2)
F(2)	37(3)	33(2)	58(3)	-6(2)	21(2)	14(2)
F(3)	53(3)	20(2)	39(3)	-9(2)	5(2)	3(2)
F(4)	44(3)	19(2)	47(3)	2(2)	-17(2)	-7(2)
F(5)	19(2)	28(2)	39(3)	-1(2)	-4(2)	0(2)
F(6)	20(2)	36(2)	33(2)	0(2)	2(2)	8(2)
F(7)	31(2)	34(2)	48(3)	1(2)	-13(2)	-10(2)
F(8)	60(3)	33(2)	40(3)	-19(2)	-11(3)	-1(2)
F(9)	48(3)	35(2)	47(3)	-14(2)	10(2)	16(2)
F(10)	19(2)	24(2)	33(2)	4(2)	1(2)	3(2)
C(1)	23(3)	14(3)	11(3)	1(2)	1(3)	4(3)
C(2)	26(4)	20(3)	19(4)	0(3)	0(3)	2(3)
C(3)	30(4)	29(4)	22(4)	3(3)	8(3)	11(3)
C(4)	44(4)	14(3)	23(4)	-1(3)	4(3)	7(3)
C(5)	38(4)	17(3)	23(4)	4(3)	-9(3)	-6(3)
C(6)	29(4)	17(3)	16(3)	3(3)	-3(3)	3(3)
C(7)	26(3)	6(3)	15(3)	-1(2)	-3(3)	0(2)
C(8)	26(4)	19(3)	17(3)	-3(3)	-5(3)	7(3)
C(9)	27(4)	27(4)	20(4)	1(3)	-7(3)	-6(3)

C(10)	50(5)	13(3)	21(4)	-3(3)	-7(4)	-1(3)
C(11)	31(4)	18(3)	29(4)	1(3)	9(3)	3(3)
C(12)	22(3)	23(3)	17(3)	6(3)	-4(3)	2(3)
C(13)	28(4)	17(3)	16(3)	-5(3)	-6(3)	3(3)
C(14)	19(4)	31(4)	36(4)	5(3)	-2(3)	-1(3)
C(15)	15(4)	56(5)	52(6)	11(4)	-6(4)	4(3)
C(16)	31(4)	37(4)	49(5)	-1(4)	-16(4)	16(4)
C(17)	47(5)	28(4)	25(4)	0(3)	-12(4)	11(3)
C(18)	30(4)	18(3)	17(3)	0(3)	-2(3)	2(3)
C(19)	20(3)	21(3)	15(3)	5(3)	-4(3)	4(3)
C(20)	26(4)	25(4)	31(4)	5(3)	-1(3)	5(3)
C(21)	28(4)	27(4)	39(5)	5(3)	-4(3)	0(3)
C(22)	31(4)	37(4)	39(5)	10(4)	-1(4)	-14(3)
C(23)	14(3)	45(5)	41(5)	4(4)	7(3)	8(3)
C(24)	21(3)	26(4)	22(4)	0(3)	-4(3)	3(3)
C(25)	21(3)	15(3)	25(4)	1(3)	1(3)	3(3)
C(26)	23(4)	28(4)	37(4)	6(3)	-3(3)	6(3)
C(27)	26(4)	40(5)	47(5)	11(4)	3(4)	1(3)
C(28)	24(4)	39(4)	59(6)	7(4)	17(4)	10(3)
C(29)	32(4)	39(4)	39(5)	9(4)	11(4)	6(4)
C(30)	32(4)	27(4)	24(4)	2(3)	4(3)	9(3)
C(31)	19(3)	20(3)	13(3)	-2(3)	4(3)	4(3)
C(32)	25(4)	26(4)	23(4)	5(3)	-2(3)	0(3)
C(33)	32(4)	42(4)	22(4)	9(3)	-6(3)	10(3)
C(34)	27(4)	46(4)	17(4)	1(3)	-6(3)	3(3)
C(35)	23(4)	39(4)	32(4)	-8(3)	-3(3)	3(3)
C(36)	24(4)	22(3)	24(4)	-2(3)	1(3)	4(3)
C(37)	26(3)	12(3)	15(3)	0(2)	2(3)	7(3)
C(38)	23(3)	23(3)	14(3)	1(3)	2(3)	7(3)
C(39)	31(4)	18(3)	25(4)	8(3)	12(3)	2(3)
C(40)	33(4)	25(4)	33(4)	10(3)	6(3)	13(3)
C(41)	28(4)	37(4)	27(4)	9(3)	-3(3)	13(3)
C(42)	17(3)	30(4)	23(4)	4(3)	0(3)	3(3)
C(43)	18(3)	23(3)	13(3)	2(3)	-2(3)	1(3)
C(44)	28(4)	30(4)	14(3)	0(3)	0(3)	4(3)
C(45)	38(4)	37(4)	30(4)	-8(3)	2(4)	7(4)
C(46)	28(4)	34(4)	42(5)	-5(4)	7(4)	13(3)
C(47)	21(4)	33(4)	35(4)	5(3)	5(3)	8(3)

C(48)	32(4)	19(3)	17(3)	3(3)	-2(3)	1(3)
C(49)	22(3)	26(3)	10(3)	5(3)	-4(3)	5(3)
C(50)	29(4)	23(3)	20(4)	3(3)	-1(3)	4(3)
C(51)	43(5)	27(4)	30(4)	2(3)	-11(4)	-10(3)
C(52)	24(4)	32(4)	45(5)	14(4)	-17(4)	-9(3)
C(53)	18(4)	35(4)	32(4)	9(3)	-3(3)	4(3)
C(54)	25(4)	19(3)	26(4)	1(3)	-6(3)	7(3)
C(55)	31(4)	15(3)	19(3)	8(3)	-6(3)	-1(3)
C(56)	43(5)	27(4)	40(5)	5(3)	-6(4)	-6(4)
C(57)	56(6)	35(5)	41(5)	5(4)	-12(5)	-16(4)
C(58)	86(7)	16(4)	41(5)	-1(3)	-19(5)	-5(4)
C(59)	82(7)	20(4)	43(5)	2(4)	12(5)	15(4)
C(60)	37(4)	19(3)	31(4)	-2(3)	1(3)	5(3)
C(61)	38(4)	11(3)	37(4)	4(3)	16(4)	-4(3)
C(62)	30(4)	25(4)	65(6)	-2(4)	18(4)	-6(3)
C(63)	54(6)	31(5)	121(11)	-3(6)	62(7)	-4(4)
C(64)	114(11)	22(5)	83(9)	-6(5)	68(9)	-12(6)
C(65)	140(12)	28(5)	38(6)	7(4)	42(7)	-9(6)
C(66)	73(6)	21(4)	28(4)	1(3)	10(4)	-1(4)
C(67)	20(3)	21(3)	26(4)	10(3)	-4(3)	3(3)
C(68)	38(5)	25(4)	49(5)	16(4)	-18(4)	-3(3)
C(69)	39(5)	41(5)	77(7)	32(5)	-32(5)	-5(4)
C(70)	27(5)	56(6)	109(9)	28(6)	-31(5)	0(4)
C(71)	28(4)	30(4)	80(7)	19(4)	-12(5)	-7(3)
C(72)	31(4)	22(4)	36(4)	10(3)	-3(3)	3(3)
C(73)	89(2)	117(2)	139(3)	11(2)	10(2)	-12(2)
Cl(2) ^a	89(2)	117(2)	139(3)	11(2)	10(2)	-12(2)
Cl(2') ^b	89(2)	117(2)	139(3)	11(2)	10(2)	-12(2)
Cl(3)	89(2)	117(2)	139(3)	11(2)	10(2)	-12(2)
C(74) ^c	67(2)	119(3)	49(2)	39(2)	-15(2)	-34(2)
Cl(4) ^c	67(2)	119(3)	49(2)	39(2)	-15(2)	-34(2)
Cl(5) ^c	67(2)	119(3)	49(2)	39(2)	-15(2)	-34(2)
C(74') ^d	100(6)	103(5)	142(7)	23(5)	-9(5)	17(4)
Cl(4') ^d	100(6)	103(5)	142(7)	23(5)	-9(5)	17(4)
Cl(5') ^d	100(6)	103(5)	142(7)	23(5)	-9(5)	17(4)

^a Occupancy 0.7. ^b Occupancy 0.3. ^c Occupancy 0.6. ^d Occupancy 0.4.

Hydrogen coordinates ($\times 10^4$) and isotropic displacement parameters ($\text{\AA}^2 \times 10^3$) for $[\text{Pt}_3\text{Ag}(\mu\text{-PPh}_2)_2(\mu\text{-C}_6\text{F}_5)(\text{C}_6\text{F}_5)(\text{OCIO}_3)(\text{PPh}_3)_2]\cdot 2\text{CH}_2\text{Cl}_2$ (**7**·2CH₂Cl₂).

	x	y	z	U(eq)
H(14)	5648	5069	7131	34
H(15)	4127	5930	6819	49
H(16)	4467	7069	6107	46
H(17)	6327	7351	5728	39
H(18)	7847	6476	6017	26
H(20)	8940	6976	7074	32
H(21)	10782	7790	7037	37
H(22)	12380	7008	6664	44
H(23)	12151	5388	6374	39
H(24)	10330	4555	6445	28
H(26)	5492	3562	8251	35
H(27)	3629	3563	8655	45
H(28)	3439	3776	9690	48
H(29)	5095	3944	10313	43
H(30)	6964	3966	9897	32
H(32)	8266	2833	9778	30
H(33)	9878	2874	10423	38
H(34)	11551	3813	10252	36
H(35)	11685	4711	9426	38
H(36)	10047	4729	8784	28
H(38)	9234	4793	5497	24
H(39)	9144	6093	4908	29
H(40)	7418	6330	4393	35
H(41)	5798	5250	4443	36
H(42)	5842	3974	5057	28
H(44)	8307	2685	4564	29
H(45)	9833	1897	4125	43
H(46)	11335	1409	4719	41
H(47)	11380	1788	5740	35
H(48)	9877	2585	6182	27
H(50)	6924	1619	4940	29
H(51)	5108	783	4732	41
H(52)	3443	1194	5267	41
H(53)	3617	2360	6040	34

H(54)	5414	3210	6242	28
H(56)	5785	43	8154	45
H(57)	5428	-1433	7619	54
H(58)	6936	-2164	7152	58
H(59)	8807	-1435	7187	58
H(60)	9224	-13	7741	35
H(62)	5514	1603	8546	48
H(63)	4154	1541	9314	83
H(64)	4705	1213	10271	89
H(65)	6640	925	10462	83
H(66)	8030	943	9706	49
H(68)	8957	-135	9058	45
H(69)	10821	-323	9446	62
H(70)	12336	849	9335	76
H(71)	12013	2199	8842	55
H(72)	10165	2395	8449	35
H(73A)	13319	670	6979	139
H(73B)	12047	1041	6871	139
H(74A) ^a	2145	-3756	7909	95
H(74B) ^a	3512	-3829	8037	95
H(74C) ^b	3543	-3165	7666	136
H(74D) ^b	4200	-3026	8300	136

^a Occupancy 0.6. ^b Occupancy 0.4.