SUPPLEMENTAL INFORMATION

Table 1. Crystal data and structure refinement for $[(LH^+)Pt(C_6F_5)_2](Bar^F{}_4) \bullet n\ CH_2Cl_2$.

Empirical formula	$C_{63}H_{30}BF_{34}N_3Pt$	
Formula weight	1680.80	
Crystal color, shape, size	colorless block, $0.20 \times 0.15 \times 0.13$ mm^3	
Temperature	-136(2) °C	
Wavelength	0.71073 Å	
Crystal system, space group	Monoclinic, P2(1)/c	
Unit cell dimensions	a = 18.9201(19) Å	α= 90°.
	b = 13.3663(12) Å	β= 95.691(7)°.
	c = 28.588(4) Å	γ = 90°.
Volume	7194.0(15) Å^3	
Z	4	
Density (calculated)	1.552 Mg/m^3	
Absorption coefficient	2.077 mm^{-1}	
F(000)	3272	
Data collection		
Diffractometer	SMART Platform CCD, Bruker	
Theta range for data collection	2.16 to 30.08°.	
Index ranges	-26<=h<=26, -18<=k<=18, -40<=l<=40	
Reflections collected	193106	
Independent reflections	21015 [R(int) = 0.0529]	
Observed Reflections	17466	
Completeness to theta = 30.08°	99.4 %	
Solution and Refinement		
Absorption correction	Semi-empirical from equivalents	
Max. and min. transmission	0.7740 and 0.6814	
Solution	Direct methods	
Refinement method	Full-matrix least-squares on F^2	
Weighting scheme	$w = [\sigma^2 Fo^2 + AP^2 + BP]^{-1}$, with	
	$P = (Fo^2 + 2\ Fc^2)/3$, A = 0.0448, B = 9.6041	
Data / restraints / parameters	21015 / 24 / 948	
Goodness-of-fit on F^2	1.065 [a]	
Final R indices [I>2sigma(I)]	R1 = 0.0375[b] wR2 = 0.0909[c]	
R indices (all data)	R1 = 0.0476[b] wR2 = 0.0949[c]	
Largest diff. peak and hole	3.387 and -1.594 e.Å^{-3}	

[a] Goodness-of-fit = $[\Sigma[w(F_o^2 - F_c^2)^2]/N_{observns} - N_{params})]^{1/2}$, all data.

[b] $R1 = \Sigma(|F_o| - |F_c|) / \Sigma\ |F_o|$.

[c] $wR2 = [\Sigma[w(F_o^2 - F_c^2)^2] / \Sigma\ [w(F_o^2)^2]]^{1/2}$.

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

	x	y	z	U(eq)
Pt1	6168(1)	-4334(1)	4067(1)	24(1)
N1	6977(2)	-2383(2)	3743(1)	35(1)
N2	5516(1)	-3074(2)	4115(1)	22(1)
N3	6717(1)	-3770(2)	4682(1)	25(1)
C1	7599(2)	-2039(3)	3925(1)	40(1)
C2	7727(2)	-1003(3)	3869(1)	44(1)
C3	7226(2)	-414(3)	3646(1)	47(1)
C4	6568(2)	-799(2)	3466(1)	41(1)
C5	6442(2)	-1800(2)	3514(1)	33(1)
C6	5758(2)	-2324(2)	3365(1)	33(1)
C7	5315(2)	-2391(2)	3775(1)	26(1)
C8	4760(2)	-1731(2)	3818(1)	32(1)
C9	4413(2)	-1743(2)	4218(1)	32(1)
C10	4651(2)	-2386(2)	4581(1)	27(1)
C11	5207(1)	-3041(2)	4522(1)	22(1)
C12	5502(2)	-3732(2)	4912(1)	24(1)
C13	6293(2)	-3592(2)	5034(1)	25(1)
C14	6573(2)	-3292(2)	5474(1)	30(1)
C15	7299(2)	-3158(2)	5563(1)	39(1)
C16	7725(2)	-3303(3)	5202(1)	39(1)
C17	7422(2)	-3604(2)	4762(1)	32(1)
C18	7874(2)	-3722(3)	4357(1)	37(1)
C19	8135(2)	-2732(3)	4161(1)	43(1)
C20	6709(2)	-5639(2)	4104(1)	34(1)
C21	6645(2)	-6271(2)	4486(1)	36(1)
C22	6981(2)	-7188(3)	4550(2)	47(1)
C23	7395(2)	-7526(3)	4209(2)	60(1)
C24	7463(3)	-6934(3)	3819(2)	64(1)
C25	7128(2)	-6013(3)	3772(2)	47(1)
C26	5531(2)	-4922(2)	3530(1)	27(1)
C27	4935(2)	-5431(2)	3647(1)	26(1)
C28	4434(2)	-5874(2)	3331(1)	30(1)
C29	4517(2)	-5812(3)	2859(1)	37(1)
C30	5100(2)	-5328(3)	2718(1)	39(1)
C31	5592(2)	-4898(2)	3047(1)	37(1)

F21	6230(1)	-5999(1)	4824(1)	38(1)
F22	6898(1)	-7764(2)	4932(1)	62(1)
F23	7730(2)	-8417(2)	4267(1)	82(1)
F24	7838(2)	-7275(2)	3476(1)	103(1)
F25	7227(1)	-5456(2)	3386(1)	59(1)
F27	4827(1)	-5524(1)	4108(1)	29(1)
F28	3873(1)	-6364(2)	3471(1)	40(1)
F29	4030(1)	-6231(2)	2542(1)	53(1)
F30	5186(2)	-5280(2)	2255(1)	55(1)
F31	6148(1)	-4426(2)	2880(1)	53(1)
B1	2408(2)	-346(2)	3478(1)	20(1)
C32	2174(1)	340(2)	3011(1)	23(1)
C33	2254(2)	1382(2)	3014(1)	28(1)
C34	1973(2)	1984(2)	2642(1)	31(1)
C35	1596(2)	1558(2)	2247(1)	33(1)
C36	1515(2)	526(2)	2234(1)	31(1)
C37	1796(2)	-71(2)	2610(1)	27(1)
C38	2057(2)	3100(3)	2661(1)	42(1)
F38A	2391(3)	3435(3)	3051(2)	66(2)
F38B	2421(3)	3435(3)	2318(2)	75(2)
F38C	1435(2)	3568(2)	2603(3)	71(2)
F38D	2736(8)	3341(14)	2641(13)	144(12)
F38E	1743(13)	3552(10)	2292(6)	85(9)
F38F	1850(20)	3451(11)	3042(8)	128(14)
C39	1077(2)	68(3)	1821(1)	39(1)
C40	3047(1)	178(2)	3826(1)	20(1)
C41	3064(2)	141(2)	4321(1)	23(1)
C42	3631(2)	522(2)	4615(1)	24(1)
C43	4212(2)	951(2)	4431(1)	24(1)
C44	4211(1)	991(2)	3945(1)	21(1)
C45	3641(1)	611(2)	3650(1)	20(1)
C46	3626(2)	480(2)	5137(1)	32(1)
C47	4845(2)	1427(2)	3742(1)	27(1)
C48	1674(1)	-443(2)	3741(1)	24(1)
C49	1225(2)	-1273(2)	3696(1)	31(1)
C50	608(2)	-1335(3)	3930(1)	39(1)
C51	405(2)	-553(3)	4200(2)	47(1)
C52	831(2)	283(3)	4241(1)	44(1)
C53	1448(2)	340(2)	4015(1)	34(1)
C54	143(2)	-2251(3)	3878(2)	50(1)

C55	655(2)	1117(4)	4563(2)	75(2)
C56	2723(1)	-1449(2)	3355(1)	21(1)
C57	2718(1)	-2243(2)	3679(1)	22(1)
C58	3005(2)	-3178(2)	3596(1)	25(1)
C59	3337(2)	-3351(2)	3193(1)	29(1)
C60	3371(2)	-2575(2)	2874(1)	26(1)
C61	3068(1)	-1642(2)	2950(1)	23(1)
C62	2963(2)	-4020(2)	3939(1)	34(1)
C63	3758(2)	-2764(3)	2452(1)	39(1)
F39A	392(1)	265(3)	1823(1)	86(1)
F39B	1229(2)	479(3)	1419(1)	94(1)
F39C	1145(2)	-887(2)	1786(1)	70(1)
F46A	4218(2)	96(3)	5350(1)	100(1)
F46B	3098(2)	-44(2)	5278(1)	72(1)
F46C	3579(2)	1378(2)	5332(1)	63(1)
F47A	5363(1)	752(2)	3711(1)	40(1)
F47B	4689(1)	1786(2)	3304(1)	37(1)
F47C	5134(1)	2189(2)	4000(1)	44(1)
F54A	-112(1)	-2511(2)	4285(1)	65(1)
F54B	464(2)	-3040(2)	3726(1)	86(1)
F54C	-439(1)	-2083(2)	3579(1)	75(1)
F55A	790(2)	2016(2)	4390(2)	97(1)
F55B	1026(2)	1070(3)	4984(1)	114(2)
F55C	-34(2)	1118(3)	4639(2)	106(2)
F62A	2655(2)	-4829(2)	3737(1)	70(1)
F62B	3610(1)	-4336(2)	4114(1)	53(1)
F62C	2622(1)	-3789(2)	4305(1)	59(1)
F63A	4466(1)	-2806(2)	2563(1)	70(1)
F63B	3660(2)	-2059(2)	2123(1)	68(1)
F63C	3585(2)	-3627(2)	2239(1)	61(1)

Table 3. Bond lengths [Å] and angles [°].

Pt1-C26	2.016(3)	B1-C48	1.649(4)
Pt1-C20	2.020(3)	C32-C33	1.400(4)
Pt1-N3	2.091(2)	C32-C37	1.403(4)
Pt1-N2	2.100(2)	C33-C34	1.397(4)
N1-C1	1.321(4)	C33-H33	0.9500
N1-C5	1.388(4)	C34-C35	1.395(5)
N1-H1N	0.8800	C34-C38	1.500(5)
N2-C11	1.353(3)	C35-C36	1.389(4)
N2-C7	1.360(3)	C35-H35	0.9500
N3-C17	1.350(4)	C36-C37	1.399(4)
N3-C13	1.368(3)	C36-C39	1.504(5)
C1-C2	1.417(5)	C37-H37	0.9500
C1-C19	1.486(5)	C38-F38F	1.285(13)
C2-C3	1.344(6)	C38-F38E	1.306(10)
C2-H2	0.9500	C38-F38A	1.306(5)
C3-C4	1.396(6)	C38-F38C	1.330(5)
C3-H3	0.9500	C38-F38B	1.330(5)
C4-C5	1.368(4)	C38-F38D	1.331(13)
C4-H4	0.9500	C39-F39C	1.288(4)
C5-C6	1.496(4)	C39-F39A	1.324(4)
C6-C7	1.511(4)	C39-F39B	1.329(4)
C6-H6A	0.9900	C40-C45	1.401(3)
C6-H6B	0.9900	C40-C41	1.414(4)
C7-C8	1.387(4)	C41-C42	1.392(4)
C8-C9	1.373(5)	C41-H41	0.9500
C8-H8	0.9500	C42-C43	1.387(4)
C9-C10	1.387(4)	C42-C46	1.495(4)
C9-H9	0.9500	C43-C44	1.391(4)
C10-C11	1.393(4)	C43-H43	0.9500
C10-H10	0.9500	C44-C45	1.396(4)
C11-C12	1.511(4)	C44-C47	1.502(4)
C12-C13	1.514(4)	C45-H45	0.9500
C12-H12A	0.9900	C46-F46B	1.314(4)
C12-H12B	0.9900	C46-F46A	1.325(4)
C13-C14	1.377(4)	C46-F46C	1.330(4)
C14-C15	1.383(5)	C47-F47A	1.341(3)
C14-H14	0.9500	C47-F47C	1.343(3)

C15-C16	1.384(5)	C47-F47B	1.344(3)
C15-H15	0.9500	C48-C49	1.396(4)
C16-C17	1.389(5)	C48-C53	1.400(4)
C16-H16	0.9500	C49-C50	1.404(4)
C17-C18	1.514(4)	C49-H49	0.9500
C18-C19	1.538(5)	C50-C51	1.377(5)
C18-H18A	0.9900	C50-C54	1.505(5)
C18-H18B	0.9900	C51-C52	1.376(5)
C19-H19A	0.9900	C51-H51	0.9500
C19-H19B	0.9900	C52-C53	1.392(4)
C20-C25	1.388(4)	C52-C55	1.503(5)
C20-C21	1.396(5)	C53-H53	0.9500
C21-F21	1.353(4)	C54-F54B	1.312(5)
C21-C22	1.385(5)	C54-F54C	1.344(5)
C22-F22	1.358(4)	C54-F54A	1.349(5)
C22-C23	1.385(5)	C55-F55B	1.333(7)
C23-F23	1.352(4)	C55-F55A	1.333(7)
C23-C24	1.384(7)	C55-F55C	1.343(5)
C24-F24	1.346(4)	C56-C61	1.407(4)
C24-C25	1.385(5)	C56-C57	1.410(4)
C25-F25	1.360(4)	C57-C58	1.392(4)
C26-C27	1.385(4)	C57-H57	0.9500
C26-C31	1.397(4)	C58-C59	1.385(4)
C27-F27	1.360(3)	C58-C62	1.501(4)
C27-C28	1.376(4)	C59-C60	1.387(4)
C28-F28	1.342(4)	C59-H59	0.9500
C28-C29	1.376(4)	C60-C61	1.400(4)
C29-F29	1.348(4)	C60-C63	1.493(4)
C29-C30	1.374(5)	C61-H61	0.9500
C30-F30	1.352(3)	C62-F62C	1.319(4)
C30-C31	1.382(5)	C62-F62A	1.333(4)
C31-F31	1.353(4)	C62-F62B	1.343(4)
B1-C56	1.641(4)	C63-F63C	1.329(4)
B1-C32	1.643(4)	C63-F63B	1.331(4)
B1-C40	1.645(4)	C63-F63A	1.348(4)

C26-Pt1-C20	87.98(13)	C32-C33-H33	118.8
C26-Pt1-N3	172.01(10)	C35-C34-C33	120.4(3)
C20-Pt1-N3	93.49(12)	C35-C34-C38	118.6(3)

C26-Pt1-N2	92.96(10)	C33-C34-C38	121.0(3)
C20-Pt1-N2	170.71(11)	C36-C35-C34	118.2(3)
N3-Pt1-N2	84.35(9)	C36-C35-H35	120.9
C1-N1-C5	124.7(3)	C34-C35-H35	120.9
C1-N1-H1N	117.7	C35-C36-C37	120.9(3)
C5-N1-H1N	117.7	C35-C36-C39	118.4(3)
C11-N2-C7	118.6(2)	C37-C36-C39	120.6(3)
C11-N2-Pt1	112.91(17)	C36-C37-C32	121.9(3)
C7-N2-Pt1	128.02(18)	C36-C37-H37	119.0
C17-N3-C13	119.3(3)	C32-C37-H37	119.0
C17-N3-Pt1	126.9(2)	F38F-C38-F38E	111.1(14)
C13-N3-Pt1	113.78(19)	F38F-C38-F38A	46.7(16)
N1-C1-C2	116.8(4)	F38E-C38-F38A	132.3(7)
N1-C1-C19	120.2(3)	F38F-C38-F38C	65.8(15)
C2-C1-C19	123.0(3)	F38E-C38-F38C	49.8(10)
C3-C2-C1	120.4(4)	F38A-C38-F38C	107.1(4)
C3-C2-H2	119.8	F38F-C38-F38B	136.7(9)
C1-C2-H2	119.8	F38E-C38-F38B	58.4(11)
C2-C3-C4	121.3(3)	F38A-C38-F38B	105.8(4)
C2-C3-H3	119.3	F38C-C38-F38B	105.4(4)
C4-C3-H3	119.3	F38F-C38-F38D	109.3(16)
C5-C4-C3	118.7(4)	F38E-C38-F38D	102.5(13)
C5-C4-H4	120.6	F38A-C38-F38D	64.3(14)
C3-C4-H4	120.6	F38C-C38-F38D	136.7(8)
C4-C5-N1	118.0(3)	F38B-C38-F38D	46.7(13)
C4-C5-C6	125.7(3)	F38F-C38-C34	110.7(8)
N1-C5-C6	116.2(3)	F38E-C38-C34	113.1(7)
C5-C6-C7	109.8(2)	F38A-C38-C34	114.4(3)
C5-C6-H6A	109.7	F38C-C38-C34	112.0(3)
C7-C6-H6A	109.7	F38B-C38-C34	111.6(3)
C5-C6-H6B	109.7	F38D-C38-C34	109.7(9)
C7-C6-H6B	109.7	F39C-C39-F39A	107.6(3)
H6A-C6-H6B	108.2	F39C-C39-F39B	108.1(3)
N2-C7-C8	121.6(3)	F39A-C39-F39B	102.6(3)
N2-C7-C6	117.2(3)	F39C-C39-C36	114.3(3)
C8-C7-C6	121.0(3)	F39A-C39-C36	112.2(3)
C9-C8-C7	119.7(3)	F39B-C39-C36	111.2(3)
C9-C8-H8	120.2	C45-C40-C41	115.8(2)
C7-C8-H8	120.2	C45-C40-B1	121.8(2)
C8-C9-C10	118.9(3)	C41-C40-B1	122.2(2)

C8-C9-H9	120.5	C42-C41-C40	122.0(2)
C10-C9-H9	120.5	C42-C41-H41	119.0
C9-C10-C11	119.4(3)	C40-C41-H41	119.0
C9-C10-H10	120.3	C43-C42-C41	121.0(2)
C11-C10-H10	120.3	C43-C42-C46	118.6(3)
N2-C11-C10	121.4(3)	C41-C42-C46	120.4(3)
N2-C11-C12	117.1(2)	C42-C43-C44	118.2(2)
C10-C11-C12	121.5(2)	C42-C43-H43	120.9
C11-C12-C13	112.2(2)	C44-C43-H43	120.9
C11-C12-H12A	109.2	C43-C44-C45	120.9(2)
C13-C12-H12A	109.2	C43-C44-C47	118.7(2)
C11-C12-H12B	109.2	C45-C44-C47	120.4(2)
C13-C12-H12B	109.2	C44-C45-C40	122.2(2)
H12A-C12-H12B	107.9	C44-C45-H45	118.9
N3-C13-C14	121.5(3)	C40-C45-H45	118.9
N3-C13-C12	116.5(2)	F46B-C46-F46A	106.6(3)
C14-C13-C12	122.0(3)	F46B-C46-F46C	105.6(3)
C13-C14-C15	119.4(3)	F46A-C46-F46C	104.2(3)
C13-C14-H14	120.3	F46B-C46-C42	114.0(3)
C15-C14-H14	120.3	F46A-C46-C42	112.6(3)
C14-C15-C16	119.1(3)	F46C-C46-C42	113.0(2)
C14-C15-H15	120.4	F47A-C47-F47C	106.6(2)
C16-C15-H15	120.4	F47A-C47-F47B	105.9(2)
C15-C16-C17	119.8(3)	F47C-C47-F47B	106.3(2)
C15-C16-H16	120.1	F47A-C47-C44	112.4(2)
C17-C16-H16	120.1	F47C-C47-C44	112.3(2)
N3-C17-C16	120.8(3)	F47B-C47-C44	112.8(2)
N3-C17-C18	118.5(3)	C49-C48-C53	115.4(3)
C16-C17-C18	120.6(3)	C49-C48-B1	123.5(2)
C17-C18-C19	114.5(3)	C53-C48-B1	121.0(2)
C17-C18-H18A	108.6	C48-C49-C50	122.0(3)
C19-C18-H18A	108.6	C48-C49-H49	119.0
C17-C18-H18B	108.6	C50-C49-H49	119.0
C19-C18-H18B	108.6	C51-C50-C49	120.9(3)
H18A-C18-H18B	107.6	C51-C50-C54	118.7(3)
C1-C19-C18	118.2(3)	C49-C50-C54	120.4(3)
C1-C19-H19A	107.8	C52-C51-C50	118.1(3)
C18-C19-H19A	107.8	C52-C51-H51	120.9
C1-C19-H19B	107.8	C50-C51-H51	120.9
C18-C19-H19B	107.8	C51-C52-C53	121.0(3)

H19A-C19-H19B	107.1	C51-C52-C55	119.5(3)
C25-C20-C21	114.6(3)	C53-C52-C55	119.3(3)
C25-C20-Pt1	126.6(3)	C52-C53-C48	122.4(3)
C21-C20-Pt1	118.7(2)	C52-C53-H53	118.8
F21-C21-C22	115.8(3)	C48-C53-H53	118.8
F21-C21-C20	119.8(3)	F54B-C54-F54C	107.5(4)
C22-C21-C20	124.4(3)	F54B-C54-F54A	107.1(4)
F22-C22-C21	121.3(3)	F54C-C54-F54A	104.5(3)
F22-C22-C23	120.0(3)	F54B-C54-C50	113.7(3)
C21-C22-C23	118.7(4)	F54C-C54-C50	111.1(4)
F23-C23-C24	121.5(4)	F54A-C54-C50	112.3(3)
F23-C23-C22	119.4(4)	F55B-C55-F55A	105.8(4)
C24-C23-C22	119.1(3)	F55B-C55-F55C	106.6(5)
F24-C24-C23	119.4(4)	F55A-C55-F55C	106.5(5)
F24-C24-C25	120.0(4)	F55B-C55-C52	112.9(5)
C23-C24-C25	120.5(3)	F55A-C55-C52	112.3(4)
F25-C25-C24	117.8(3)	F55C-C55-C52	112.1(4)
F25-C25-C20	119.4(3)	C61-C56-C57	115.9(2)
C24-C25-C20	122.8(4)	C61-C56-B1	123.3(2)
C27-C26-C31	113.5(3)	C57-C56-B1	120.6(2)
C27-C26-Pt1	116.6(2)	C58-C57-C56	122.4(2)
C31-C26-Pt1	129.9(2)	C58-C57-H57	118.8
F27-C27-C28	115.8(3)	C56-C57-H57	118.8
F27-C27-C26	118.9(2)	C59-C58-C57	120.6(2)
C28-C27-C26	125.2(3)	C59-C58-C62	118.4(3)
F28-C28-C29	119.4(3)	C57-C58-C62	121.0(3)
F28-C28-C27	122.0(3)	C58-C59-C60	118.5(3)
C29-C28-C27	118.6(3)	C58-C59-H59	120.8
F29-C29-C30	120.8(3)	C60-C59-H59	120.8
F29-C29-C28	119.8(3)	C59-C60-C61	121.2(3)
C30-C29-C28	119.4(3)	C59-C60-C63	117.7(3)
F30-C30-C29	119.3(3)	C61-C60-C63	121.1(3)
F30-C30-C31	120.6(3)	C60-C61-C56	121.5(2)
C29-C30-C31	120.1(3)	C60-C61-H61	119.3
F31-C31-C30	116.6(3)	C56-C61-H61	119.3
F31-C31-C26	120.2(3)	F62C-C62-F62A	107.9(3)
C30-C31-C26	123.2(3)	F62C-C62-F62B	106.2(3)
C56-B1-C32	113.7(2)	F62A-C62-F62B	104.4(3)
C56-B1-C40	104.6(2)	F62C-C62-C58	113.8(3)
C32-B1-C40	112.1(2)	F62A-C62-C58	112.0(3)

C56-B1-C48	111.6(2)	F62B-C62-C58	112.0(3)
C32-B1-C48	104.0(2)	F63C-C63-F63B	106.3(3)
C40-B1-C48	111.1(2)	F63C-C63-F63A	105.3(3)
C33-C32-C37	116.1(3)	F63B-C63-F63A	105.3(3)
C33-C32-B1	122.0(2)	F63C-C63-C60	113.4(3)
C37-C32-B1	121.4(2)	F63B-C63-C60	114.0(3)
C34-C33-C32	122.4(3)	F63A-C63-C60	111.7(3)
C34-C33-H33	118.8		

Other distances and angles of interest

Pt1…H1n	2.4280
N1-H1n-Pt1	147.52

Table 4. Anisotropic displacement parameters ($Å^2$x 10^3). The anisotropic displacement factor exponent takes the form: $-2\pi^2[h^2 a^{*2}U^{11} + ... + 2 h k a^* b^* U^{12}]$.

	U^{11}	U^{22}	U^{33}	U^{23}	U^{13}	U^{12}
Pt1	32(1)	19(1)	23(1)	-3(1)	12(1)	-4(1)
N1	45(2)	30(1)	33(1)	-7(1)	21(1)	-12(1)
N2	29(1)	20(1)	18(1)	-1(1)	5(1)	-6(1)
N3	30(1)	19(1)	26(1)	0(1)	7(1)	2(1)
C1	42(2)	44(2)	35(2)	-10(1)	19(1)	-10(2)
C2	50(2)	37(2)	50(2)	-14(2)	26(2)	-19(2)
C3	64(2)	34(2)	46(2)	-6(2)	21(2)	-15(2)
C4	61(2)	32(2)	32(2)	0(1)	16(2)	-5(2)
C5	44(2)	32(2)	26(1)	-5(1)	11(1)	-5(1)
C6	50(2)	30(1)	17(1)	3(1)	2(1)	-10(1)
C7	37(2)	22(1)	20(1)	0(1)	0(1)	-7(1)
C8	41(2)	24(1)	29(1)	1(1)	-7(1)	-3(1)
C9	31(1)	25(1)	38(2)	-6(1)	-4(1)	1(1)
C10	28(1)	24(1)	29(1)	-5(1)	3(1)	-3(1)
C11	26(1)	20(1)	21(1)	-3(1)	6(1)	-4(1)
C12	30(1)	19(1)	22(1)	1(1)	10(1)	-1(1)
C13	34(1)	16(1)	25(1)	2(1)	7(1)	1(1)
C14	42(2)	23(1)	25(1)	1(1)	4(1)	1(1)
C15	48(2)	32(2)	33(2)	-1(1)	-6(1)	0(1)
C16	32(2)	37(2)	46(2)	0(1)	-4(1)	0(1)
C17	30(1)	26(1)	39(2)	0(1)	5(1)	2(1)
C18	28(2)	35(2)	49(2)	-4(1)	12(1)	3(1)
C19	39(2)	46(2)	45(2)	-7(2)	11(2)	-9(2)
C20	35(2)	25(1)	44(2)	-9(1)	18(1)	-5(1)
C21	37(2)	24(1)	51(2)	-3(1)	18(1)	1(1)
C22	49(2)	28(2)	69(3)	6(2)	26(2)	5(1)
C23	65(3)	23(2)	98(4)	-4(2)	41(2)	7(2)
C24	75(3)	33(2)	94(3)	-13(2)	57(3)	5(2)
C25	55(2)	29(2)	62(2)	-8(2)	36(2)	-3(2)
C26	43(2)	22(1)	20(1)	-4(1)	11(1)	-2(1)
C27	37(2)	24(1)	18(1)	-2(1)	9(1)	3(1)
C28	36(2)	31(1)	23(1)	-4(1)	5(1)	2(1)
C29	51(2)	39(2)	22(1)	-11(1)	5(1)	3(1)
C30	67(2)	34(2)	18(1)	-6(1)	14(1)	-1(2)
C31	60(2)	28(1)	26(1)	-6(1)	22(1)	-13(1)

F21	45(1)	30(1)	44(1)	8(1)	21(1)	10(1)
F22	70(2)	33(1)	88(2)	19(1)	32(1)	15(1)
F23	89(2)	31(1)	136(3)	2(1)	58(2)	19(1)
F24	128(3)	46(2)	153(3)	-15(2)	110(3)	12(2)
F25	80(2)	45(1)	63(2)	-7(1)	50(1)	0(1)
F27	33(1)	37(1)	17(1)	1(1)	6(1)	-6(1)
F28	35(1)	58(1)	29(1)	-11(1)	7(1)	-10(1)
F29	61(1)	74(2)	24(1)	-18(1)	1(1)	-10(1)
F30	95(2)	55(1)	19(1)	-10(1)	21(1)	-18(1)
F31	85(2)	46(1)	32(1)	-12(1)	34(1)	-29(1)
B1	20(1)	20(1)	21(1)	1(1)	4(1)	-1(1)
C32	21(1)	25(1)	24(1)	1(1)	4(1)	1(1)
C33	25(1)	27(1)	31(1)	5(1)	2(1)	1(1)
C34	24(1)	29(1)	39(2)	8(1)	2(1)	3(1)
C35	30(1)	38(2)	31(2)	12(1)	1(1)	4(1)
C36	26(1)	39(2)	27(1)	6(1)	1(1)	0(1)
C37	25(1)	28(1)	28(1)	2(1)	2(1)	3(1)
C38	42(2)	32(2)	51(2)	13(2)	-2(2)	-1(1)
F38A	104(4)	25(2)	64(3)	6(2)	-25(3)	-7(2)
F38B	107(5)	46(2)	78(3)	15(2)	39(3)	-22(2)
F38C	43(2)	32(2)	133(6)	6(2)	-7(2)	11(1)
F38D	106(14)	92(12)	230(30)	79(17)	-17(17)	-65(11)
F38E	130(20)	46(7)	70(10)	23(6)	-31(12)	16(8)
F38F	230(40)	35(7)	132(19)	-21(9)	100(20)	-24(14)
C39	39(2)	46(2)	32(2)	7(1)	-5(1)	-1(2)
C40	22(1)	19(1)	20(1)	-1(1)	4(1)	0(1)
C41	29(1)	20(1)	21(1)	-1(1)	7(1)	-1(1)
C42	37(1)	19(1)	18(1)	-2(1)	4(1)	-1(1)
C43	31(1)	20(1)	22(1)	-3(1)	0(1)	-2(1)
C44	24(1)	16(1)	24(1)	0(1)	5(1)	0(1)
C45	22(1)	19(1)	20(1)	0(1)	4(1)	1(1)
C46	48(2)	29(1)	21(1)	0(1)	5(1)	-7(1)
C47	25(1)	25(1)	31(1)	0(1)	5(1)	-2(1)
C48	20(1)	25(1)	26(1)	-1(1)	4(1)	-1(1)
C49	26(1)	32(2)	35(2)	-11(1)	5(1)	-5(1)
C50	30(2)	42(2)	46(2)	-12(1)	11(1)	-12(1)
C51	31(2)	53(2)	60(2)	-20(2)	23(2)	-13(2)
C52	34(2)	43(2)	58(2)	-22(2)	22(2)	-8(1)
C53	25(1)	31(1)	48(2)	-11(1)	14(1)	-6(1)
C54	38(2)	54(2)	62(2)	-13(2)	18(2)	-14(2)

C55	45(2)	70(3)	118(5)	-53(3)	44(3)	-19(2)
C56	20(1)	21(1)	22(1)	-1(1)	1(1)	-2(1)
C57	22(1)	24(1)	19(1)	0(1)	2(1)	0(1)
C58	28(1)	20(1)	26(1)	3(1)	1(1)	-2(1)
C59	34(2)	23(1)	31(1)	-2(1)	4(1)	1(1)
C60	30(1)	27(1)	24(1)	-3(1)	7(1)	0(1)
C61	24(1)	24(1)	23(1)	1(1)	4(1)	0(1)
C62	46(2)	26(1)	31(2)	7(1)	4(1)	2(1)
C63	51(2)	35(2)	33(2)	-3(1)	16(1)	6(1)
F39A	41(1)	117(3)	93(2)	-40(2)	-25(1)	13(2)
F39B	128(3)	119(3)	29(1)	18(1)	-18(2)	-56(2)
F39C	104(2)	47(1)	51(1)	-10(1)	-34(1)	7(1)
F46A	101(2)	172(4)	26(1)	21(2)	2(1)	63(2)
F46B	123(2)	74(2)	23(1)	-8(1)	22(1)	-66(2)
F46C	130(2)	37(1)	27(1)	-11(1)	26(1)	-26(1)
F47A	30(1)	41(1)	51(1)	5(1)	16(1)	6(1)
F47B	36(1)	42(1)	34(1)	12(1)	9(1)	-7(1)
F47C	44(1)	42(1)	46(1)	-13(1)	13(1)	-22(1)
F54A	55(1)	69(2)	74(2)	8(1)	23(1)	-23(1)
F54B	70(2)	53(2)	143(3)	-41(2)	56(2)	-34(1)
F54C	63(2)	95(2)	65(2)	-6(2)	-5(1)	-48(2)
F55A	67(2)	54(2)	181(4)	-59(2)	60(2)	-13(1)
F55B	97(3)	149(3)	99(3)	-90(3)	32(2)	-19(2)
F55C	57(2)	95(2)	178(4)	-85(2)	71(2)	-27(2)
F62A	113(2)	36(1)	57(2)	11(1)	-9(1)	-29(1)
F62B	57(1)	52(1)	51(1)	22(1)	6(1)	18(1)
F62C	83(2)	47(1)	52(1)	23(1)	36(1)	20(1)
F63A	45(1)	109(2)	60(2)	-18(2)	27(1)	4(1)
F63B	113(2)	53(1)	45(1)	14(1)	45(1)	28(1)
F63C	92(2)	44(1)	51(1)	-22(1)	34(1)	-10(1)

Table 5. Hydrogen coordinates (x 10^4) and isotropic displacement parameters ($Å^2$x 10^3)

	x	y	z	U(eq)
H1N	6895	-3028	3769	44(11)
H2	8169	-724	3990	53
H3	7321	278	3610	56
H4	6215	-374	3313	49
H6A	5857	-3004	3251	39
H6B	5494	-1951	3104	39
H8	4620	-1272	3573	38
H9	4017	-1319	4246	38
H10	4437	-2378	4868	32
H12A	5408	-4434	4814	28
H12B	5253	-3605	5195	28
H14	6271	-3177	5715	36
H15	7503	-2970	5867	46
H16	8223	-3197	5255	47
H18A	7595	-4087	4099	44
H18B	8292	-4139	4463	44
H19A	8399	-2366	4424	51
H19B	8480	-2897	3933	51
H33	2509	1690	3279	33
H35	1399	1964	1994	40
H37	1729	-775	2592	32
H41	2677	-154	4458	28
H43	4599	1209	4632	29
H45	3657	646	3319	24
H49	1340	-1813	3501	37
H51	-17	-590	4354	56
H53	1726	932	4049	41
H57	2510	-2136	3964	26
H59	3537	-3987	3137	35
H61	3094	-1127	2723	28

Table 6. Torsion angles [°]

C26-Pt1-N2-C11	113.68(19)	C48-B1-C32-C33	93.0(3)
C20-Pt1-N2-C11	18.1(8)	C56-B1-C32-C37	43.2(3)
N3-Pt1-N2-C11	-58.77(18)	C40-B1-C32-C37	161.6(2)
C26-Pt1-N2-C7	-57.9(2)	C48-B1-C32-C37	-78.4(3)
C20-Pt1-N2-C7	-153.4(7)	C37-C32-C33-C34	0.4(4)
N3-Pt1-N2-C7	129.7(2)	B1-C32-C33-C34	-171.4(3)
C26-Pt1-N3-C17	161.1(7)	C32-C33-C34-C35	0.0(5)
C20-Pt1-N3-C17	60.7(2)	C32-C33-C34-C38	178.7(3)
N2-Pt1-N3-C17	-128.4(2)	C33-C34-C35-C36	-0.7(5)
C26-Pt1-N3-C13	-16.9(8)	C38-C34-C35-C36	-179.5(3)
C20-Pt1-N3-C13	-117.26(19)	C34-C35-C36-C37	1.0(5)
N2-Pt1-N3-C13	53.67(18)	C34-C35-C36-C39	177.0(3)
C5-N1-C1-C2	-1.6(4)	C35-C36-C37-C32	-0.6(5)
C5-N1-C1-C19	-179.6(3)	C39-C36-C37-C32	-176.5(3)
N1-C1-C2-C3	1.0(5)	C33-C32-C37-C36	-0.1(4)
C19-C1-C2-C3	178.9(3)	B1-C32-C37-C36	171.7(3)
C1-C2-C3-C4	0.3(5)	C35-C34-C38-F38F	126.5(19)
C2-C3-C4-C5	-1.0(5)	C33-C34-C38-F38F	-52.3(19)
C3-C4-C5-N1	0.4(5)	C35-C34-C38-F38E	1.0(14)
C3-C4-C5-C6	176.7(3)	C33-C34-C38-F38E	-177.8(14)
C1-N1-C5-C4	1.0(4)	C35-C34-C38-F38A	177.2(4)
C1-N1-C5-C6	-175.7(3)	C33-C34-C38-F38A	-1.5(6)
C4-C5-C6-C7	-94.1(4)	C35-C34-C38-F38C	55.1(6)
N1-C5-C6-C7	82.2(3)	C33-C34-C38-F38C	-123.6(5)
C11-N2-C7-C8	-6.0(4)	C35-C34-C38-F38B	-62.7(5)
Pt1-N2-C7-C8	165.1(2)	C33-C34-C38-F38B	118.5(5)
C11-N2-C7-C6	169.2(2)	C35-C34-C38-F38D	-112.8(17)
Pt1-N2-C7-C6	-19.7(3)	C33-C34-C38-F38D	68.4(17)
C5-C6-C7-N2	-74.9(3)	C35-C36-C39-F39C	166.7(3)
C5-C6-C7-C8	100.3(3)	C37-C36-C39-F39C	-17.3(5)
N2-C7-C8-C9	1.7(4)	C35-C36-C39-F39A	-70.4(4)
C6-C7-C8-C9	-173.3(3)	C37-C36-C39-F39A	105.6(4)
C7-C8-C9-C10	3.2(4)	C35-C36-C39-F39B	43.9(5)
C8-C9-C10-C11	-3.7(4)	C37-C36-C39-F39B	-140.1(3)
C7-N2-C11-C10	5.5(4)	C56-B1-C40-C45	78.8(3)
Pt1-N2-C11-C10	-166.9(2)	C32-B1-C40-C45	-44.8(3)
C7-N2-C11-C12	-173.3(2)	C48-B1-C40-C45	-160.7(2)

Pt1-N2-C11-C12	14.3(3)	C56-B1-C40-C41	-95.3(3)
C9-C10-C11-N2	-0.7(4)	C32-B1-C40-C41	141.0(2)
C9-C10-C11-C12	178.0(3)	C48-B1-C40-C41	25.1(3)
N2-C11-C12-C13	55.1(3)	C45-C40-C41-C42	0.9(4)
C10-C11-C12-C13	-123.7(3)	B1-C40-C41-C42	175.3(2)
C17-N3-C13-C14	-3.1(4)	C40-C41-C42-C43	-0.6(4)
Pt1-N3-C13-C14	175.0(2)	C40-C41-C42-C46	179.2(3)
C17-N3-C13-C12	176.3(2)	C41-C42-C43-C44	0.2(4)
Pt1-N3-C13-C12	-5.5(3)	C46-C42-C43-C44	-179.7(3)
C11-C12-C13-N3	-60.8(3)	C42-C43-C44-C45	-0.1(4)
C11-C12-C13-C14	118.7(3)	C42-C43-C44-C47	-178.3(2)
N3-C13-C14-C15	0.6(4)	C43-C44-C45-C40	0.3(4)
C12-C13-C14-C15	-178.8(3)	C47-C44-C45-C40	178.6(2)
C13-C14-C15-C16	1.8(5)	C41-C40-C45-C44	-0.7(4)
C14-C15-C16-C17	-1.7(5)	B1-C40-C45-C44	-175.2(2)
C13-N3-C17-C16	3.2(4)	C43-C42-C46-F46B	-172.2(3)
Pt1-N3-C17-C16	-174.7(2)	C41-C42-C46-F46B	7.9(4)
C13-N3-C17-C18	-174.9(3)	C43-C42-C46-F46A	-50.6(4)
Pt1-N3-C17-C18	7.2(4)	C41-C42-C46-F46A	129.6(3)
C15-C16-C17-N3	-0.8(5)	C43-C42-C46-F46C	67.2(4)
C15-C16-C17-C18	177.3(3)	C41-C42-C46-F46C	-112.7(3)
N3-C17-C18-C19	106.7(3)	C43-C44-C47-F47A	84.8(3)
C16-C17-C18-C19	-71.4(4)	C45-C44-C47-F47A	-93.4(3)
N1-C1-C19-C18	-23.3(5)	C43-C44-C47-F47C	-35.3(4)
C2-C1-C19-C18	158.8(3)	C45-C44-C47-F47C	146.4(3)
C17-C18-C19-C1	-65.9(4)	C43-C44-C47-F47B	-155.4(2)
C26-Pt1-C20-C25	68.0(3)	C45-C44-C47-F47B	26.3(4)
N3-Pt1-C20-C25	-119.9(3)	C56-B1-C48-C49	-24.3(4)
N2-Pt1-C20-C25	163.9(6)	C32-B1-C48-C49	98.7(3)
C26-Pt1-C20-C21	-109.0(3)	C40-B1-C48-C49	-140.5(3)
N3-Pt1-C20-C21	63.1(3)	C56-B1-C48-C53	158.1(3)
N2-Pt1-C20-C21	-13.0(9)	C32-B1-C48-C53	-78.9(3)
C25-C20-C21-F21	-177.7(3)	C40-B1-C48-C53	41.9(4)
Pt1-C20-C21-F21	-0.4(4)	C53-C48-C49-C50	-3.0(5)
C25-C20-C21-C22	1.9(5)	B1-C48-C49-C50	179.2(3)
Pt1-C20-C21-C22	179.3(3)	C48-C49-C50-C51	2.7(6)
F21-C21-C22-F22	-0.7(6)	C48-C49-C50-C54	-179.0(3)
C20-C21-C22-F22	179.6(4)	C49-C50-C51-C52	-1.1(6)
F21-C21-C22-C23	177.8(4)	C54-C50-C51-C52	-179.4(4)
C20-C21-C22-C23	-1.8(6)	C50-C51-C52-C53	0.1(7)

F22-C22-C23-F23	-1.9(7)	C50-C51-C52-C55	-175.3(5)
C21-C22-C23-F23	179.5(4)	C51-C52-C53-C48	-0.7(6)
F22-C22-C23-C24	179.0(4)	C55-C52-C53-C48	174.8(4)
C21-C22-C23-C24	0.4(7)	C49-C48-C53-C52	2.1(5)
F23-C23-C24-F24	3.8(8)	B1-C48-C53-C52	179.9(3)
C22-C23-C24-F24	-177.2(5)	C51-C50-C54-F54B	-162.7(4)
F23-C23-C24-C25	-178.4(4)	C49-C50-C54-F54B	19.0(6)
C22-C23-C24-C25	0.6(8)	C51-C50-C54-F54C	75.9(5)
F24-C24-C25-F25	-3.7(7)	C49-C50-C54-F54C	-102.5(4)
C23-C24-C25-F25	178.5(4)	C51-C50-C54-F54A	-40.8(5)
F24-C24-C25-C20	177.3(4)	C49-C50-C54-F54A	140.9(4)
C23-C24-C25-C20	-0.5(7)	C51-C52-C55-F55B	97.1(5)
C21-C20-C25-F25	-179.7(3)	C53-C52-C55-F55B	-78.4(6)
Pt1-C20-C25-F25	3.2(5)	C51-C52-C55-F55A	-143.3(4)
C21-C20-C25-C24	-0.8(6)	C53-C52-C55-F55A	41.1(7)
Pt1-C20-C25-C24	-177.8(4)	C51-C52-C55-F55C	-23.4(8)
C20-Pt1-C26-C27	89.9(2)	C53-C52-C55-F55C	161.1(5)
N3-Pt1-C26-C27	-10.8(9)	C32-B1-C56-C61	27.9(3)
N2-Pt1-C26-C27	-80.8(2)	C40-B1-C56-C61	-94.6(3)
C20-Pt1-C26-C31	-90.2(3)	C48-B1-C56-C61	145.2(2)
N3-Pt1-C26-C31	169.0(6)	C32-B1-C56-C57	-157.9(2)
N2-Pt1-C26-C31	99.0(3)	C40-B1-C56-C57	79.5(3)
C31-C26-C27-F27	178.6(3)	C48-B1-C56-C57	-40.6(3)
Pt1-C26-C27-F27	-1.5(3)	C61-C56-C57-C58	-2.8(4)
C31-C26-C27-C28	-0.6(4)	B1-C56-C57-C58	-177.4(2)
Pt1-C26-C27-C28	179.3(2)	C56-C57-C58-C59	2.5(4)
F27-C27-C28-F28	0.1(4)	C56-C57-C58-C62	-177.4(3)
C26-C27-C28-F28	179.4(3)	C57-C58-C59-C60	-0.4(4)
F27-C27-C28-C29	-179.6(3)	C62-C58-C59-C60	179.5(3)
C26-C27-C28-C29	-0.4(5)	C58-C59-C60-C61	-1.1(4)
F28-C28-C29-F29	0.9(5)	C58-C59-C60-C63	177.5(3)
C27-C28-C29-F29	-179.4(3)	C59-C60-C61-C56	0.7(4)
F28-C28-C29-C30	-178.6(3)	C63-C60-C61-C56	-177.9(3)
C27-C28-C29-C30	1.1(5)	C57-C56-C61-C60	1.2(4)
F29-C29-C30-F30	-0.5(5)	B1-C56-C61-C60	175.6(2)
C28-C29-C30-F30	179.0(3)	C59-C58-C62-F62C	-178.3(3)
F29-C29-C30-C31	179.7(3)	C57-C58-C62-F62C	1.6(4)
C28-C29-C30-C31	-0.8(5)	C59-C58-C62-F62A	-55.7(4)
F30-C30-C31-F31	0.9(5)	C57-C58-C62-F62A	124.3(3)
C29-C30-C31-F31	-179.3(3)	C59-C58-C62-F62B	61.3(4)

F30-C30-C31-C26	179.9(3)	C57-C58-C62-F62B	-118.8(3)
C29-C30-C31-C26	-0.3(6)	C59-C60-C63-F63C	46.5(4)
C27-C26-C31-F31	180.0(3)	C61-C60-C63-F63C	-134.8(3)
Pt1-C26-C31-F31	0.1(5)	C59-C60-C63-F63B	168.5(3)
C27-C26-C31-C30	1.0(5)	C61-C60-C63-F63B	-12.9(5)
Pt1-C26-C31-C30	-178.9(3)	C59-C60-C63-F63A	-72.3(4)
C56-B1-C32-C33	-145.4(3)	C61-C60-C63-F63A	106.3(3)
C40-B1-C32-C33	-27.1(3)		