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**Table S23.** Hydrogen coordinates ( $\times 10^4$ ) and isotropic displacement parameters ( $\text{\AA}^2 \times 10^3$ ) for 6.

|        | x        | y         | z         | U(eq) |
|--------|----------|-----------|-----------|-------|
| HPT1   | 2853(95) | 787(120)  | 1082(80)  | 80    |
| HPT2   | 1798(96) | 4513(125) | -1360(82) | 80    |
| H(1)   | 2857(11) | 3495(14)  | 894(9)    | 56    |
| H(2)   | 2479(11) | 2744(13)  | 1917(9)   | 58    |
| H(3)   | 3442(11) | 1300(16)  | 2028(9)   | 70    |
| H(1A1) | 3745(13) | 2871(15)  | 777(11)   | 115   |
| H(1A2) | 4189(13) | 3155(15)  | 1386(11)  | 115   |
| H(1A3) | 3857(13) | 3804(15)  | 915(11)   | 115   |
| H(1B1) | 2944(15) | 3953(17)  | 1781(12)  | 163   |
| H(1B2) | 3366(15) | 4465(17)  | 1529(12)  | 163   |
| H(1B3) | 3698(15) | 3816(17)  | 2000(12)  | 163   |
| H(2A1) | 1873(10) | 3350(15)  | 1040(10)  | 98    |
| H(2A2) | 1413(10) | 2941(15)  | 1303(10)  | 98    |
| H(2A3) | 1550(10) | 2504(15)  | 813(10)   | 98    |
| H(2B1) | 2464(13) | 1320(15)  | 2012(10)  | 109   |
| H(2B2) | 1913(13) | 1260(15)  | 1409(10)  | 109   |
| H(2B3) | 1777(13) | 1697(15)  | 1899(10)  | 109   |
| H(3A1) | 3473(12) | 2402(17)  | 2587(9)   | 117   |
| H(3A2) | 4089(12) | 2716(17)  | 2489(9)   | 117   |
| H(3A3) | 4114(12) | 1883(17)  | 2797(9)   | 117   |
| H(3B1) | 4106(13) | 1281(17)  | 1484(9)   | 121   |
| H(3B2) | 4509(13) | 1205(17)  | 2134(9)   | 121   |
| H(3B3) | 4484(13) | 2039(17)  | 1826(9)   | 121   |
| H(4)   | 2663(13) | 920(16)   | -813(10)  | 76    |
| H(5)   | 2629(16) | -1031(16) | -57(12)   | 97    |
| H(6)   | 1574(12) | 785(17)   | -742(12)  | 90    |
| H(4A1) | 3612(12) | 1217(16)  | -36(11)   | 121   |
| H(4A2) | 3730(12) | 1008(16)  | -588(11)  | 121   |
| H(4A3) | 3881(12) | 357(16)   | -106(11)  | 121   |
| H(4B1) | 2454(15) | -372(20)  | -1136(12) | 172   |
| H(4B2) | 3177(15) | -595(20)  | -766(12)  | 172   |
| H(4B3) | 3026(15) | 57(20)    | -1247(12) | 172   |
| H(5A1) | 3701(17) | -564(17)  | 408(14)   | 191   |
| H(5A2) | 3540(17) | -1301(17) | 724(14)   | 191   |
| H(5A3) | 3553(17) | -410(17)  | 952(14)   | 191   |
| H(5B1) | 1894(18) | -850(16)  | 352(13)   | 187   |
| H(5B2) | 2459(18) | -579(16)  | 910(13)   | 187   |
| H(5B3) | 2445(18) | -1469(16) | 681(13)   | 187   |
| H(6A1) | 1441(12) | 901(19)   | 72(11)    | 148   |
| H(6A2) | 1088(12) | 53(19)    | -65(11)   | 148   |
| H(6A3) | 823(12)  | 787(19)   | -482(11)  | 148   |
| H(6B1) | 1689(18) | -324(39)  | -1082(14) | 383   |
| H(6B2) | 992(18)  | 27(39)    | -1198(14) | 383   |
| H(6B3) | 1260(18) | -703(39)  | -777(14)  | 383   |
| H(7)   | 2684(12) | 2969(16)  | -2252(9)  | 71    |
| H(8)   | 3423(12) | 2574(14)  | -873(10)  | 67    |

|        |           |          |           |     |
|--------|-----------|----------|-----------|-----|
| H(9)   | 3429(15)  | 4376(17) | -1729(12) | 94  |
| H(7A1) | 2917(13)  | 1868(15) | -1611(11) | 124 |
| H(7A2) | 2326(13)  | 1661(15) | -2169(11) | 124 |
| H(7A3) | 2205(13)  | 1908(15) | -1625(11) | 124 |
| H(7B1) | 1684(11)  | 3671(16) | -2492(9)  | 105 |
| H(7B2) | 1447(11)  | 3015(16) | -2166(9)  | 105 |
| H(7B3) | 1568(11)  | 2768(16) | -2710(9)  | 105 |
| H(8A1) | 3541(14)  | 3633(19) | -238(11)  | 157 |
| H(8A2) | 4037(14)  | 4055(19) | -455(11)  | 157 |
| H(8A3) | 4204(14)  | 3205(19) | -152(11)  | 157 |
| H(8B1) | 3790(11)  | 2679(16) | -1604(11) | 121 |
| H(8B2) | 4359(11)  | 2605(16) | -1012(11) | 121 |
| H(8B3) | 4192(11)  | 3454(16) | -1315(11) | 121 |
| H(9A1) | 2454(18)  | 4384(18) | -2461(13) | 186 |
| H(9A2) | 2763(18)  | 5257(18) | -2323(13) | 186 |
| H(9A3) | 2192(18)  | 5012(18) | -2135(13) | 186 |
| H(9B1) | 3528(16)  | 5013(17) | -887(14)  | 171 |
| H(9B2) | 2836(16)  | 5400(17) | -1188(14) | 171 |
| H(9B3) | 3407(16)  | 5646(17) | -1376(14) | 171 |
| H(10)  | 385(14)   | 5249(16) | -964(12)  | 95  |
| H(11)  | 1599(12)  | 3968(16) | 211(10)   | 72  |
| H(12)  | 784(11)   | 3062(16) | -482(10)  | 72  |
| H(10A) | 1365(15)  | 5970(16) | -578(13)  | 155 |
| H(10B) | 930(15)   | 6353(16) | -1160(13) | 155 |
| H(10C) | 1517(15)  | 5789(16) | -1118(13) | 155 |
| H(10D) | 132(12)   | 4488(18) | -1811(10) | 137 |
| H(10E) | 739(12)   | 4856(18) | -1898(10) | 137 |
| H(10F) | 152(12)   | 5420(18) | -1940(10) | 137 |
| H(11A) | 2446(11)  | 4668(15) | 84(10)    | 97  |
| H(11B) | 2348(11)  | 4912(15) | 639(10)   | 97  |
| H(11C) | 2102(11)  | 5493(15) | 113(10)   | 97  |
| H(11D) | 608(14)   | 4595(19) | 100(11)   | 148 |
| H(11E) | 937(14)   | 5448(19) | 125(11)   | 148 |
| H(11F) | 1184(14)  | 4868(19) | 651(11)   | 148 |
| H(12A) | -21(12)   | 4009(20) | -526(10)  | 146 |
| H(12B) | -320(12)  | 3194(20) | -838(10)  | 146 |
| H(12C) | -287(12)  | 3968(20) | -1187(10) | 146 |
| H(12D) | 950(12)   | 2684(16) | -1318(11) | 117 |
| H(12E) | 309(12)   | 3146(16) | -1681(11) | 117 |
| H(12F) | 276(12)   | 2373(16) | -1331(11) | 117 |
| H(14)  | -296(11)  | 358(13)  | 2327(10)  | 60  |
| H(16)  | -30(11)   | -418(15) | 3862(10)  | 78  |
| H(18)  | 833(10)   | 1614(14) | 3671(9)   | 57  |
| H(20)  | -928(10)  | 1861(12) | 1790(8)   | 42  |
| H(22)  | -1668(11) | 3710(13) | 2376(9)   | 54  |
| H(24)  | 215(10)   | 3238(11) | 3047(8)   | 35  |
| H(26)  | 741(10)   | 3351(12) | 2318(8)   | 37  |
| H(28)  | 2668(10)  | 3371(12) | 3133(8)   | 40  |
| H(30)  | 1641(10)  | 1413(13) | 3206(8)   | 42  |
| H(32)  | -91(9)    | 2432(12) | 1396(8)   | 39  |
| H(34)  | 324(10)   | 676(13)  | 488(9)    | 55  |
| H(36)  | 741(10)   | 351(13)  | 2138(9)   | 49  |

**Table S24.** Crystal and data collection parameters for [(PiPr<sub>3</sub>)<sub>2</sub>Pt(H)(THF)]BArf (7).

|                                    |                                                                                                                                                             |
|------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Empirical formula                  | C <sub>54</sub> H <sub>63</sub> BF <sub>24</sub> OP <sub>2</sub> Pt                                                                                         |
| Formula weight                     | 1451.88                                                                                                                                                     |
| Temperature                        | 173K                                                                                                                                                        |
| Wavelength                         | 0.71073 Å                                                                                                                                                   |
| Crystal system                     | Monoclinic                                                                                                                                                  |
| Space group                        | P2 <sub>1</sub> /c                                                                                                                                          |
| Unit cell dimensions               | $a = 11.830(1) \text{ Å}$ , $\alpha = 90^\circ$<br>$b = 13.695(1) \text{ Å}$ , $\beta = 99.069(9)^\circ$<br>$c = 37.657(5) \text{ Å}$ , $\gamma = 90^\circ$ |
| Volume                             | 6025.8(10) Å <sup>3</sup>                                                                                                                                   |
| Z                                  | 4                                                                                                                                                           |
| Density (calculated)               | 1.600 Mg/m <sup>3</sup>                                                                                                                                     |
| Absorption coefficient             | 2.493 mm <sup>-1</sup>                                                                                                                                      |
| Absorption correction              | Semi-empirical                                                                                                                                              |
| Min./Max. transmission             | 0.776 / 0.949                                                                                                                                               |
| F(000)                             | 2896                                                                                                                                                        |
| Crystal size                       | 0.21 x 0.25 x 0.41 mm                                                                                                                                       |
| $\theta$ range for data collection | 2.58 to 22.50°                                                                                                                                              |
| Index ranges                       | $-12 \leq h \leq 12$ , $-1 \leq k \leq 14$ , $-13 \leq l \leq 40$                                                                                           |
| Reflections collected              | 9089                                                                                                                                                        |
| Independent reflections            | 7849 ( $R_{\text{int}} = 0.0415$ )                                                                                                                          |
| Refinement method                  | Full-matrix least-squares on $F^2$                                                                                                                          |
| Data / restraints / parameters     | 7845 / 0 / 751                                                                                                                                              |
| Goodness-of-fit on $F^2$           | 1.042                                                                                                                                                       |
| Final R indices                    | $R1 = 0.0473$ , $wR2 = 0.0869$ [ $4845F_o > 4\sigma(F_o)$ ]                                                                                                 |
| R indices (all data)               | $R1 = 0.1010$ , $wR2 = 0.1080$                                                                                                                              |
| Largest diff. peak and hole        | 0.716 and -0.487 eÅ <sup>-3</sup>                                                                                                                           |

**Table S25.** Selected bond distances (Å)  
for 7.

| Atom 1 | Atom 2 | Distance (Å) |
|--------|--------|--------------|
| Pt(1)  | O(1)   | 2.219(6)     |
| Pt(1)  | P(1)   | 2.302(2)     |
| Pt(1)  | P(2)   | 2.310(3)     |
| Pt(1)  | HPT    | 1.34(10)     |
| P(1)   | C(3)   | 1.828(9)     |
| P(1)   | C(1)   | 1.841(9)     |
| P(1)   | C(2)   | 1.854(9)     |
| P(2)   | C(4)   | 1.827(11)    |
| P(2)   | C(6)   | 1.843(9)     |
| P(2)   | C(5)   | 1.870(13)    |
| B      | C(41)  | 1.621(13)    |
| B      | C(31)  | 1.644(12)    |
| B      | C(21)  | 1.643(12)    |
| B      | C(51)  | 1.643(14)    |
| O(1)   | C(7)   | 1.440(10)    |
| O(1)   | C(10)  | 1.452(11)    |
| C(1)   | C(1B)  | 1.518(13)    |
| C(1)   | C(1A)  | 1.558(13)    |
| C(2)   | C(2B)  | 1.516(12)    |
| C(2)   | C(2A)  | 1.527(12)    |
| C(3)   | C(3B)  | 1.529(12)    |
| C(3)   | C(3A)  | 1.535(12)    |
| C(4)   | C(4A)  | 1.54(2)      |
| C(4)   | C(4B)  | 1.544(14)    |
| C(5)   | C(5B)  | 1.42(2)      |
| C(5)   | C(5A)  | 1.52(2)      |
| C(6)   | C(6B)  | 1.515(13)    |
| C(6)   | C(6A)  | 1.532(13)    |
| C(7)   | C(8)   | 1.480(13)    |
| C(8)   | C(9)   | 1.470(14)    |
| C(9)   | C(10)  | 1.453(13)    |
| C(21)  | C(22)  | 1.398(11)    |
| C(21)  | C(26)  | 1.418(11)    |
| C(22)  | C(23)  | 1.393(11)    |
| C(23)  | C(24)  | 1.397(12)    |
| C(23)  | C(23A) | 1.479(12)    |
| C(24)  | C(25)  | 1.372(11)    |
| C(25)  | C(26)  | 1.391(11)    |
| C(25)  | C(25A) | 1.497(12)    |
| C(31)  | C(36)  | 1.402(11)    |
| C(31)  | C(32)  | 1.410(11)    |
| C(32)  | C(33)  | 1.371(11)    |
| C(33)  | C(34)  | 1.406(12)    |
| C(33)  | C(33A) | 1.497(13)    |
| C(34)  | C(35)  | 1.361(12)    |
| C(35)  | C(36)  | 1.384(11)    |
| C(35)  | C(35A) | 1.517(13)    |
| C(41)  | C(46)  | 1.397(12)    |

|        |        |           |
|--------|--------|-----------|
| C(41)  | C(42)  | 1.415(12) |
| C(42)  | C(43)  | 1.370(12) |
| C(43)  | C(44)  | 1.376(13) |
| C(43)  | C(43A) | 1.492(14) |
| C(44)  | C(45)  | 1.389(12) |
| C(45)  | C(46)  | 1.395(12) |
| C(45)  | C(45A) | 1.489(13) |
| C(51)  | C(52)  | 1.382(11) |
| C(51)  | C(56)  | 1.409(11) |
| C(52)  | C(53)  | 1.381(12) |
| C(53)  | C(54)  | 1.388(11) |
| C(53)  | C(53A) | 1.485(12) |
| C(54)  | C(55)  | 1.400(12) |
| C(55)  | C(56)  | 1.372(12) |
| C(55)  | C(55A) | 1.470(12) |
| C(23A) | F(1)   | 1.284(11) |
| C(23A) | F(2)   | 1.310(10) |
| C(23A) | F(3)   | 1.324(11) |
| C(25A) | F(6)   | 1.304(10) |
| C(25A) | F(5)   | 1.316(10) |
| C(25A) | F(4)   | 1.318(10) |
| C(33A) | F(10)  | 1.322(10) |
| C(33A) | F(12)  | 1.337(10) |
| C(33A) | F(11)  | 1.343(10) |
| C(35A) | F(7)   | 1.274(12) |
| C(35A) | F(8)   | 1.295(12) |
| C(35A) | F(9)   | 1.303(13) |
| C(43A) | F(15)  | 1.263(13) |
| C(43A) | F(13)  | 1.260(13) |
| C(43A) | F(14)  | 1.291(13) |
| C(45A) | F(17)  | 1.322(11) |
| C(45A) | F(16)  | 1.347(10) |
| C(45A) | F(18)  | 1.341(10) |
| C(53A) | F(19)  | 1.318(11) |
| C(53A) | F(20)  | 1.321(11) |
| C(53A) | F(21)  | 1.359(11) |
| C(55A) | F(24)  | 1.280(11) |
| C(55A) | F(22)  | 1.306(11) |
| C(55A) | F(23)  | 1.304(11) |

**Table S26.** Selected bond angles (deg)  
for 7.

| Atom 1 | Atom 2 | Atom 3 | Angle (°) |
|--------|--------|--------|-----------|
| O(1)   | Pt(1)  | P(1)   | 99.2(2)   |
| O(1)   | Pt(1)  | P(2)   | 94.2(2)   |
| P(1)   | Pt(1)  | P(2)   | 166.49(9) |
| O(1)   | Pt(1)  | HPT    | 174(4)    |
| P(1)   | Pt(1)  | HPT    | 83(4)     |
| P(2)   | Pt(1)  | HPT    | 84(4)     |
| C(3)   | P(1)   | C(1)   | 109.9(4)  |
| C(3)   | P(1)   | C(2)   | 104.6(4)  |
| C(1)   | P(1)   | C(2)   | 105.1(4)  |
| C(3)   | P(1)   | Pt(1)  | 116.3(3)  |
| C(1)   | P(1)   | Pt(1)  | 109.2(3)  |
| C(2)   | P(1)   | Pt(1)  | 111.2(3)  |
| C(4)   | P(2)   | C(6)   | 106.3(5)  |
| C(4)   | P(2)   | C(5)   | 109.3(6)  |
| C(6)   | P(2)   | C(5)   | 103.3(6)  |
| C(4)   | P(2)   | Pt(1)  | 114.3(4)  |
| C(6)   | P(2)   | Pt(1)  | 113.4(3)  |
| C(5)   | P(2)   | Pt(1)  | 109.5(4)  |
| C(41)  | B      | C(31)  | 111.4(7)  |
| C(41)  | B      | C(21)  | 102.9(7)  |
| C(31)  | B      | C(21)  | 111.4(7)  |
| C(41)  | B      | C(51)  | 113.5(8)  |
| C(31)  | B      | C(51)  | 105.1(7)  |
| C(21)  | B      | C(51)  | 112.8(7)  |
| C(7)   | O(1)   | C(10)  | 108.6(7)  |
| C(7)   | O(1)   | Pt(1)  | 125.8(5)  |
| C(10)  | O(1)   | Pt(1)  | 125.6(5)  |
| C(1B)  | C(1)   | C(1A)  | 111.9(8)  |
| C(1B)  | C(1)   | P(1)   | 116.8(8)  |
| C(1A)  | C(1)   | P(1)   | 111.1(6)  |
| C(2B)  | C(2)   | C(2A)  | 111.6(8)  |
| C(2B)  | C(2)   | P(1)   | 111.8(7)  |
| C(2A)  | C(2)   | P(1)   | 110.3(6)  |
| C(3B)  | C(3)   | C(3A)  | 109.3(8)  |
| C(3B)  | C(3)   | P(1)   | 117.4(6)  |
| C(3A)  | C(3)   | P(1)   | 113.9(7)  |
| C(4A)  | C(4)   | C(4B)  | 110.0(10) |
| C(4A)  | C(4)   | P(2)   | 111.1(8)  |
| C(4B)  | C(4)   | P(2)   | 112.7(9)  |
| C(5B)  | C(5)   | C(5A)  | 112.4(12) |
| C(5B)  | C(5)   | P(2)   | 117.4(11) |
| C(5A)  | C(5)   | P(2)   | 112.0(10) |
| C(6B)  | C(6)   | C(6A)  | 109.8(8)  |
| C(6B)  | C(6)   | P(2)   | 116.4(7)  |
| C(6A)  | C(6)   | P(2)   | 112.8(7)  |
| O(1)   | C(7)   | C(8)   | 105.6(8)  |
| C(9)   | C(8)   | C(7)   | 103.7(9)  |
| C(10)  | C(9)   | C(8)   | 105.0(9)  |
| C(9)   | C(10)  | O(1)   | 105.9(8)  |

|       |        |        |           |
|-------|--------|--------|-----------|
| C(22) | C(21)  | C(26)  | 114.9(8)  |
| C(22) | C(21)  | B      | 124.9(8)  |
| C(26) | C(21)  | B      | 120.0(7)  |
| C(23) | C(22)  | C(21)  | 124.0(8)  |
| C(22) | C(23)  | C(24)  | 118.5(8)  |
| C(22) | C(23)  | C(23A) | 121.6(8)  |
| C(24) | C(23)  | C(23A) | 119.9(8)  |
| C(25) | C(24)  | C(23)  | 120.0(8)  |
| C(24) | C(25)  | C(26)  | 120.5(8)  |
| C(24) | C(25)  | C(25A) | 120.1(8)  |
| C(26) | C(25)  | C(25A) | 119.3(8)  |
| C(25) | C(26)  | C(21)  | 122.1(8)  |
| C(36) | C(31)  | C(32)  | 115.7(7)  |
| C(36) | C(31)  | B      | 123.6(7)  |
| C(32) | C(31)  | B      | 120.5(7)  |
| C(33) | C(32)  | C(31)  | 121.6(8)  |
| C(32) | C(33)  | C(34)  | 121.6(8)  |
| C(32) | C(33)  | C(33A) | 119.9(8)  |
| C(34) | C(33)  | C(33A) | 118.4(8)  |
| C(35) | C(34)  | C(33)  | 117.1(8)  |
| C(34) | C(35)  | C(36)  | 122.1(8)  |
| C(34) | C(35)  | C(35A) | 118.4(8)  |
| C(36) | C(35)  | C(35A) | 119.4(9)  |
| C(35) | C(36)  | C(31)  | 121.9(8)  |
| C(46) | C(41)  | C(42)  | 114.0(8)  |
| C(46) | C(41)  | B      | 125.3(8)  |
| C(42) | C(41)  | B      | 120.4(8)  |
| C(43) | C(42)  | C(41)  | 123.1(9)  |
| C(42) | C(43)  | C(44)  | 121.0(9)  |
| C(42) | C(43)  | C(43A) | 119.8(10) |
| C(44) | C(43)  | C(43A) | 119.1(9)  |
| C(43) | C(44)  | C(45)  | 118.7(9)  |
| C(44) | C(45)  | C(46)  | 119.4(9)  |
| C(44) | C(45)  | C(45A) | 122.3(9)  |
| C(46) | C(45)  | C(45A) | 118.3(9)  |
| C(45) | C(46)  | C(41)  | 123.7(9)  |
| C(52) | C(51)  | C(56)  | 115.9(8)  |
| C(52) | C(51)  | B      | 123.9(8)  |
| C(56) | C(51)  | B      | 120.1(8)  |
| C(53) | C(52)  | C(51)  | 122.7(9)  |
| C(52) | C(53)  | C(54)  | 120.7(8)  |
| C(52) | C(53)  | C(53A) | 119.9(8)  |
| C(54) | C(53)  | C(53A) | 119.4(8)  |
| C(53) | C(54)  | C(55)  | 118.0(8)  |
| C(56) | C(55)  | C(54)  | 120.4(8)  |
| C(56) | C(55)  | C(55A) | 121.9(9)  |
| C(54) | C(55)  | C(55A) | 117.7(8)  |
| C(55) | C(56)  | C(51)  | 122.4(9)  |
| F(1)  | C(23A) | F(2)   | 107.5(9)  |
| F(1)  | C(23A) | F(3)   | 106.1(9)  |
| F(2)  | C(23A) | F(3)   | 103.7(8)  |
| F(1)  | C(23A) | C(23)  | 113.6(8)  |
| F(2)  | C(23A) | C(23)  | 113.9(8)  |
| F(3)  | C(23A) | C(23)  | 111.3(8)  |

|       |        |       |           |       |        |       |           |
|-------|--------|-------|-----------|-------|--------|-------|-----------|
| F(6)  | C(25A) | F(5)  | 105.5(8)  | F(13) | C(43A) | C(43) | 115.1(11) |
| F(6)  | C(25A) | F(4)  | 106.4(9)  | F(14) | C(43A) | C(43) | 112.9(10) |
| F(5)  | C(25A) | F(4)  | 105.3(7)  | F(17) | C(45A) | F(16) | 106.1(9)  |
| F(6)  | C(25A) | C(25) | 114.5(8)  | F(17) | C(45A) | F(18) | 106.7(8)  |
| F(5)  | C(25A) | C(25) | 112.7(8)  | F(16) | C(45A) | F(18) | 106.0(7)  |
| F(4)  | C(25A) | C(25) | 111.8(7)  | F(17) | C(45A) | C(45) | 114.6(8)  |
| F(10) | C(33A) | F(12) | 107.1(8)  | F(16) | C(45A) | C(45) | 111.4(8)  |
| F(10) | C(33A) | F(11) | 105.9(8)  | F(18) | C(45A) | C(45) | 111.5(8)  |
| F(12) | C(33A) | F(11) | 103.9(8)  | F(19) | C(53A) | F(20) | 106.1(8)  |
| F(10) | C(33A) | C(33) | 114.5(8)  | F(19) | C(53A) | F(21) | 104.5(8)  |
| F(12) | C(33A) | C(33) | 112.8(8)  | F(20) | C(53A) | F(21) | 105.5(9)  |
| F(11) | C(33A) | C(33) | 111.8(8)  | F(19) | C(53A) | C(53) | 113.9(9)  |
| F(7)  | C(35A) | F(8)  | 107.3(11) | F(20) | C(53A) | C(53) | 114.8(8)  |
| F(7)  | C(35A) | F(9)  | 104.6(10) | F(21) | C(53A) | C(53) | 111.2(8)  |
| F(8)  | C(35A) | F(9)  | 103.4(10) | F(24) | C(55A) | F(22) | 104.5(9)  |
| F(7)  | C(35A) | C(35) | 114.3(9)  | F(24) | C(55A) | F(23) | 104.0(9)  |
| F(8)  | C(35A) | C(35) | 114.9(8)  | F(22) | C(55A) | F(23) | 104.2(9)  |
| F(9)  | C(35A) | C(35) | 111.2(10) | F(24) | C(55A) | C(55) | 113.9(9)  |
| F(15) | C(43A) | F(13) | 107.1(12) | F(22) | C(55A) | C(55) | 115.0(8)  |
| F(15) | C(43A) | F(14) | 103.6(12) | F(23) | C(55A) | C(55) | 113.9(9)  |
| F(13) | C(43A) | F(14) | 100.9(11) |       |        |       |           |
| F(15) | C(43A) | C(43) | 115.6(10) |       |        |       |           |

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**Table S27.** Atomic coordinates ( $\times 10^4$ ) and isotropic displacement parameters ( $\text{\AA}^2 \times 10^3$ ) for 7.

|       | x        | y         | z       | *U(eq) |
|-------|----------|-----------|---------|--------|
| Pt(1) | 7899(1)  | 10031(1)  | 1464(1) | 31(1)  |
| P(1)  | 8830(2)  | 9096(2)   | 1928(1) | 29(1)  |
| P(2)  | 7372(2)  | 11160(2)  | 1013(1) | 38(1)  |
| B     | 2561(8)  | 4909(9)   | 1137(2) | 29(2)  |
| O(1)  | 6255(5)  | 9222(4)   | 1358(2) | 44(2)  |
| C(1)  | 9574(7)  | 9905(8)   | 2280(2) | 41(2)  |
| C(1A) | 8742(9)  | 10682(7)  | 2396(3) | 60(3)  |
| C(1B) | 10283(9) | 9415(8)   | 2602(3) | 65(3)  |
| C(2)  | 9974(7)  | 8349(7)   | 1778(3) | 35(2)  |
| C(2A) | 9453(9)  | 7577(7)   | 1509(2) | 49(3)  |
| C(2B) | 10842(8) | 8975(8)   | 1627(3) | 61(3)  |
| C(3)  | 7950(7)  | 8216(7)   | 2128(2) | 36(2)  |
| C(3A) | 6990(8)  | 8686(8)   | 2301(3) | 53(3)  |
| C(3B) | 8572(8)  | 7458(7)   | 2386(3) | 55(3)  |
| C(4)  | 8525(9)  | 11976(9)  | 931(3)  | 66(4)  |
| C(4A) | 8968(10) | 12586(9)  | 1266(4) | 86(5)  |
| C(4B) | 9528(10) | 11426(11) | 802(4)  | 103(6) |
| C(5)  | 6788(13) | 10511(10) | 587(3)  | 85(5)  |
| C(5A) | 7489(15) | 9610(10)  | 528(3)  | 122(7) |
| C(5B) | 6520(14) | 11086(12) | 270(4)  | 131(7) |
| C(6)  | 6177(9)  | 11950(7)  | 1094(3) | 43(3)  |
| C(6A) | 6190(8)  | 12171(7)  | 1493(3) | 49(3)  |
| C(6B) | 6018(9)  | 12889(7)  | 879(3)  | 59(3)  |
| C(7)  | 5163(7)  | 9576(8)   | 1427(3) | 52(3)  |
| C(8)  | 4302(8)  | 8902(8)   | 1232(3) | 59(3)  |
| C(9)  | 4929(9)  | 7977(8)   | 1225(4) | 79(4)  |
| C(10) | 6095(9)  | 8261(8)   | 1196(3) | 54(3)  |
| C(21) | 2326(7)  | 5326(6)   | 1528(2) | 26(2)  |
| C(22) | 2864(7)  | 6141(6)   | 1703(2) | 27(2)  |
| C(23) | 2590(7)  | 6528(6)   | 2021(2) | 29(2)  |
| C(24) | 1732(7)  | 6075(7)   | 2178(2) | 35(2)  |
| C(25) | 1173(7)  | 5274(6)   | 2017(2) | 28(2)  |
| C(26) | 1448(6)  | 4911(7)   | 1696(2) | 26(2)  |
| C(31) | 3802(7)  | 5284(5)   | 1044(2) | 24(2)  |
| C(32) | 4806(7)  | 5165(6)   | 1296(2) | 25(2)  |
| C(33) | 5860(7)  | 5416(6)   | 1216(2) | 30(2)  |
| C(34) | 5992(8)  | 5807(7)   | 880(3)  | 37(2)  |
| C(35) | 5028(8)  | 5906(7)   | 633(2)  | 33(2)  |
| C(36) | 3959(7)  | 5643(6)   | 706(2)  | 28(2)  |
| C(41) | 1506(7)  | 5364(6)   | 859(2)  | 27(2)  |
| C(42) | 1454(7)  | 6379(6)   | 788(2)  | 30(2)  |
| C(43) | 559(8)   | 6812(7)   | 570(2)  | 37(2)  |
| C(44) | -372(8)  | 6275(7)   | 415(2)  | 37(2)  |
| C(45) | -384(7)  | 5277(7)   | 479(2)  | 33(3)  |
| C(46) | 542(7)   | 4847(7)   | 699(2)  | 31(2)  |
| C(51) | 2623(7)  | 3711(6)   | 1124(2) | 24(2)  |
| C(52) | 2755(7)  | 3123(6)   | 1426(2) | 31(2)  |

|        |          |         |         |        |
|--------|----------|---------|---------|--------|
| C(53)  | 2839(7)  | 2119(6) | 1408(2) | 25(2)  |
| C(54)  | 2806(7)  | 1653(6) | 1079(2) | 30(2)  |
| C(55)  | 2700(7)  | 2231(6) | 769(2)  | 30(2)  |
| C(56)  | 2602(7)  | 3227(6) | 793(2)  | 29(2)  |
| C(23A) | 3204(9)  | 7382(7) | 2198(3) | 42(3)  |
| C(25A) | 252(8)   | 4787(7) | 2184(2) | 35(3)  |
| C(33A) | 6901(9)  | 5313(7) | 1496(3) | 40(3)  |
| C(35A) | 5133(9)  | 6366(9) | 273(3)  | 52(3)  |
| C(43A) | 596(10)  | 7879(8) | 492(4)  | 57(3)  |
| C(45A) | -1368(8) | 4644(8) | 330(3)  | 43(3)  |
| C(53A) | 2931(9)  | 1527(7) | 1742(3) | 43(3)  |
| C(55A) | 2703(9)  | 1736(7) | 423(3)  | 40(3)  |
| F(1)   | 3647(8)  | 7935(6) | 1981(2) | 125(4) |
| F(2)   | 2573(5)  | 7933(4) | 2373(2) | 69(2)  |
| F(3)   | 4058(6)  | 7107(5) | 2448(2) | 95(3)  |
| F(4)   | 504(5)   | 4762(6) | 2537(2) | 91(3)  |
| F(5)   | -734(5)  | 5248(5) | 2115(2) | 82(2)  |
| F(6)   | 36(6)    | 3889(5) | 2079(2) | 92(3)  |
| F(7)   | 6030(8)  | 6120(8) | 147(2)  | 146(5) |
| F(8)   | 4267(8)  | 6221(7) | 22(2)   | 128(4) |
| F(9)   | 5192(9)  | 7315(6) | 297(2)  | 128(4) |
| F(10)  | 7877(4)  | 5265(6) | 1368(2) | 76(2)  |
| F(11)  | 7011(5)  | 6065(4) | 1728(2) | 56(2)  |
| F(12)  | 6856(5)  | 4531(4) | 1706(2) | 61(2)  |
| F(13)  | 588(12)  | 8095(6) | 167(2)  | 164(5) |
| F(14)  | -303(10) | 8338(6) | 557(3)  | 157(5) |
| F(15)  | 1412(10) | 8344(6) | 673(3)  | 182(6) |
| F(16)  | -1956(4) | 5024(6) | 26(1)   | 73(2)  |
| F(17)  | -1084(5) | 3747(5) | 249(2)  | 64(2)  |
| F(18)  | -2122(4) | 4560(4) | 560(1)  | 55(2)  |
| F(19)  | 2007(5)  | 1550(5) | 1897(2) | 73(2)  |
| F(20)  | 3165(6)  | 594(4)  | 1701(2) | 69(2)  |
| F(21)  | 3779(6)  | 1866(5) | 1997(2) | 74(2)  |
| F(22)  | 2443(8)  | 2290(5) | 140(2)  | 105(3) |
| F(23)  | 1983(8)  | 1010(6) | 367(2)  | 127(4) |
| F(24)  | 3667(7)  | 1355(8) | 388(2)  | 146(5) |

\* $U_{eq}$  is defined as one third of the trace of the orthogonalized  $U_{ij}$  tensor.

**Table S28.** Anisotropic displacement parameters ( $\text{\AA}^2 \times 10^3$ ) for **7**.

|       | U11     | U22     | U33     | U23     | U13    | U12    |
|-------|---------|---------|---------|---------|--------|--------|
| Pt(1) | 29(1)   | 27(1)   | 37(1)   | 1(1)    | 7(1)   | -1(1)  |
| P(1)  | 30(1)   | 26(1)   | 32(1)   | -5(1)   | 7(1)   | -1(1)  |
| P(2)  | 41(2)   | 35(2)   | 40(2)   | 10(1)   | 10(1)  | 7(1)   |
| B     | 45(6)   | 19(6)   | 26(5)   | -3(6)   | 11(4)  | -7(6)  |
| O(1)  | 33(4)   | 29(4)   | 70(5)   | -17(4)  | 12(3)  | -5(3)  |
| C(1)  | 42(5)   | 37(6)   | 42(5)   | -7(6)   | 1(4)   | -4(6)  |
| C(1A) | 68(8)   | 44(7)   | 66(8)   | -21(6)  | 8(6)   | 1(6)   |
| C(1B) | 62(8)   | 71(8)   | 57(8)   | -26(7)  | -4(6)  | -12(7) |
| C(2)  | 30(5)   | 33(6)   | 44(6)   | -4(5)   | 9(5)   | -1(5)  |
| C(2A) | 59(7)   | 55(7)   | 34(6)   | -6(6)   | 13(5)  | 4(6)   |
| C(2B) | 44(7)   | 62(8)   | 82(9)   | 1(7)    | 23(6)  | 6(6)   |
| C(3)  | 30(5)   | 42(6)   | 35(6)   | -2(5)   | 6(4)   | -5(5)  |
| C(3A) | 47(6)   | 56(7)   | 59(7)   | -4(6)   | 22(6)  | -4(6)  |
| C(3B) | 55(7)   | 52(7)   | 61(8)   | 25(6)   | 16(6)  | -5(6)  |
| C(4)  | 46(7)   | 76(9)   | 83(9)   | 52(8)   | 27(7)  | 17(7)  |
| C(4A) | 52(8)   | 63(9)   | 139(14) | 17(9)   | 5(9)   | -25(7) |
| C(4B) | 57(8)   | 127(13) | 139(14) | 58(11)  | 54(9)  | 20(9)  |
| C(5)  | 136(13) | 66(9)   | 51(8)   | 10(7)   | 4(8)   | 42(9)  |
| C(5A) | 216(19) | 92(11)  | 55(9)   | -8(8)   | 12(11) | 83(12) |
| C(5B) | 188(18) | 129(15) | 68(11)  | -28(11) | -3(11) | 75(14) |
| C(6)  | 44(7)   | 26(6)   | 62(8)   | -2(6)   | 23(6)  | -3(5)  |
| C(6A) | 47(6)   | 41(6)   | 65(8)   | 8(6)    | 24(6)  | 4(5)   |
| C(6B) | 51(7)   | 40(7)   | 85(9)   | 3(7)    | 8(6)   | 21(6)  |
| C(7)  | 33(6)   | 48(6)   | 78(8)   | -5(6)   | 19(6)  | 0(5)   |
| C(8)  | 31(6)   | 63(8)   | 83(9)   | -13(7)  | 9(6)   | -2(6)  |
| C(9)  | 58(8)   | 47(8)   | 143(13) | -38(8)  | 45(8)  | -10(6) |
| C(10) | 41(7)   | 44(7)   | 70(9)   | -22(6)  | -12(6) | 6(6)   |
| C(21) | 24(5)   | 25(5)   | 25(5)   | 2(4)    | -5(4)  | 2(4)   |
| C(22) | 29(5)   | 17(5)   | 34(6)   | 10(4)   | 1(4)   | 8(4)   |
| C(23) | 29(5)   | 21(5)   | 38(6)   | 2(5)    | 6(4)   | 3(4)   |
| C(24) | 41(6)   | 41(6)   | 21(5)   | -6(5)   | 3(4)   | 13(5)  |
| C(25) | 33(5)   | 29(6)   | 22(5)   | 4(4)    | 5(4)   | 6(4)   |
| C(26) | 24(4)   | 21(5)   | 30(5)   | 1(5)    | -6(3)  | 3(5)   |
| C(31) | 31(5)   | 12(5)   | 27(5)   | -2(4)   | 5(4)   | -1(3)  |
| C(32) | 33(5)   | 19(6)   | 23(4)   | 6(4)    | 4(4)   | -3(4)  |
| C(33) | 35(6)   | 25(5)   | 30(5)   | -7(4)   | 4(4)   | -2(4)  |
| C(34) | 43(6)   | 29(5)   | 46(6)   | -4(5)   | 22(5)  | 4(5)   |
| C(35) | 47(6)   | 30(5)   | 26(5)   | -3(5)   | 15(5)  | -6(5)  |
| C(36) | 31(5)   | 24(5)   | 27(5)   | 1(4)    | -3(4)  | -3(4)  |
| C(41) | 34(5)   | 28(5)   | 20(5)   | -6(4)   | 8(4)   | 1(4)   |
| C(42) | 32(5)   | 32(6)   | 23(5)   | -11(4)  | 0(4)   | -4(4)  |
| C(43) | 42(6)   | 39(6)   | 32(6)   | 4(5)    | 9(5)   | 15(5)  |
| C(44) | 34(6)   | 48(7)   | 27(6)   | 11(5)   | 0(5)   | 19(5)  |
| C(45) | 21(5)   | 62(9)   | 16(4)   | -1(5)   | 1(4)   | 3(5)   |
| C(46) | 36(5)   | 37(6)   | 21(4)   | -6(5)   | 11(4)  | 3(5)   |

|        |         |         |         |        |          |         |
|--------|---------|---------|---------|--------|----------|---------|
| C(51)  | 22(5)   | 28(5)   | 22(5)   | 2(4)   | 3(4)     | 0(4)    |
| C(52)  | 24(5)   | 39(6)   | 31(6)   | 3(5)   | 10(4)    | 9(5)    |
| C(53)  | 23(5)   | 30(5)   | 24(5)   | 12(5)  | 5(4)     | 2(4)    |
| C(54)  | 32(5)   | 19(5)   | 41(6)   | -6(5)  | 10(5)    | 2(4)    |
| C(55)  | 27(5)   | 27(6)   | 37(6)   | -11(5) | 4(4)     | 1(4)    |
| C(56)  | 22(5)   | 33(6)   | 31(6)   | 5(5)   | 3(4)     | 1(4)    |
| C(23A) | 53(7)   | 39(6)   | 34(6)   | -15(6) | 6(6)     | -1(6)   |
| C(25A) | 38(6)   | 35(7)   | 34(5)   | -9(5)  | 9(4)     | -1(5)   |
| C(33A) | 44(6)   | 33(7)   | 42(6)   | -7(5)  | 8(5)     | -1(4)   |
| C(35A) | 39(6)   | 56(8)   | 62(8)   | 31(6)  | 9(6)     | -9(6)   |
| C(43A) | 54(8)   | 41(7)   | 75(9)   | 15(7)  | 6(7)     | 22(6)   |
| C(45A) | 30(6)   | 67(8)   | 34(6)   | 5(5)   | 8(5)     | 8(5)    |
| C(53A) | 57(7)   | 41(7)   | 32(6)   | -2(5)  | 12(6)    | 1(6)    |
| C(55A) | 53(7)   | 27(6)   | 40(7)   | -13(5) | 2(5)     | 4(5)    |
| F(1)   | 217(10) | 101(6)  | 72(6)   | -42(5) | 68(6)    | -120(7) |
| F(2)   | 64(4)   | 53(4)   | 92(5)   | -40(4) | 16(4)    | -4(3)   |
| F(3)   | 72(5)   | 65(5)   | 127(7)  | -38(5) | -46(5)   | 6(4)    |
| F(4)   | 77(4)   | 163(8)  | 35(4)   | 16(5)  | 15(3)    | -42(5)  |
| F(5)   | 34(3)   | 89(6)   | 126(6)  | 45(5)  | 24(4)    | 15(3)   |
| F(6)   | 134(7)  | 44(4)   | 120(6)  | -21(4) | 89(5)    | -35(4)  |
| F(7)   | 127(8)  | 209(11) | 124(8)  | 112(8) | 94(7)    | 85(7)   |
| F(8)   | 127(7)  | 202(10) | 49(5)   | 60(6)  | -4(5)    | -81(7)  |
| F(9)   | 259(12) | 59(5)   | 72(6)   | 31(4)  | 41(6)    | -34(6)  |
| F(10)  | 33(3)   | 138(7)  | 59(4)   | -3(4)  | 8(3)     | 12(4)   |
| F(11)  | 67(4)   | 41(4)   | 56(4)   | -10(3) | -7(3)    | -2(3)   |
| F(12)  | 54(4)   | 40(3)   | 79(5)   | 11(4)  | -23(4)   | -3(3)   |
| F(13)  | 392(17) | 51(5)   | 63(5)   | 17(4)  | 77(8)    | -13(8)  |
| F(14)  | 195(11) | 58(5)   | 238(13) | 38(7)  | 92(10)   | 58(7)   |
| F(15)  | 181(10) | 49(5)   | 261(14) | 52(7)  | -133(10) | -40(6)  |
| F(16)  | 54(3)   | 110(5)  | 49(3)   | 26(5)  | -14(3)   | -17(5)  |
| F(17)  | 47(4)   | 75(5)   | 67(4)   | -34(4) | 3(3)     | -9(4)   |
| F(18)  | 38(3)   | 79(4)   | 53(4)   | -9(3)  | 22(3)    | -8(3)   |
| F(19)  | 79(5)   | 80(5)   | 73(5)   | 40(4)  | 49(4)    | 24(4)   |
| F(20)  | 108(5)  | 43(4)   | 61(4)   | 13(3)  | 30(4)    | 24(4)   |
| F(21)  | 97(5)   | 76(5)   | 42(4)   | 25(4)  | -11(4)   | -31(4)  |
| F(22)  | 218(9)  | 62(5)   | 32(4)   | -7(4)  | 11(5)    | 40(6)   |
| F(23)  | 208(10) | 119(7)  | 66(5)   | -52(5) | 58(6)    | -89(7)  |
| F(24)  | 87(6)   | 270(12) | 74(5)   | -99(7) | -13(4)   | 82(7)   |

The anisotropic displacement factor exponent takes the form:

$$-2\pi^2[(ha^*)^2U_{11} + \dots + 2hka^*b^*U_{12}]$$

**Table S29.** Hydrogen coordinates ( $\times 10^4$ ) and isotropic displacement parameters ( $\text{\AA}^2 \times 10^3$ ) for 7.

|        | x         | y         | z        | U(eq) |
|--------|-----------|-----------|----------|-------|
| HPT    | 8909(85)  | 10485(72) | 1497(25) | 80    |
| H(1)   | 10123(7)  | 10274(8)  | 2163(2)  | 49    |
| H(1A1) | 8309(9)   | 10974(7)  | 2185(3)  | 89    |
| H(1A2) | 9174(9)   | 11177(7)  | 2538(3)  | 89    |
| H(1A3) | 8229(9)   | 10373(7)  | 2535(3)  | 89    |
| H(1B1) | 10784(9)  | 8942(8)   | 2520(3)  | 97    |
| H(1B2) | 9784(9)   | 9095(8)   | 2743(3)  | 97    |
| H(1B3) | 10730(9)  | 9898(8)   | 2746(3)  | 97    |
| H(2)   | 10377(7)  | 8007(7)   | 1989(3)  | 42    |
| H(2A1) | 8910(9)   | 7193(7)   | 1613(2)  | 73    |
| H(2A2) | 10048(9)  | 7160(7)   | 1449(2)  | 73    |
| H(2A3) | 9074(9)   | 7891(7)   | 1295(2)  | 73    |
| H(2B1) | 11152(8)  | 9451(8)   | 1803(3)  | 92    |
| H(2B2) | 10476(8)  | 9302(8)   | 1414(3)  | 92    |
| H(2B3) | 11448(8)  | 8570(8)   | 1568(3)  | 92    |
| H(3)   | 7556(7)   | 7838(7)   | 1925(2)  | 43    |
| H(3A1) | 6598(8)   | 9163(8)   | 2139(3)  | 79    |
| H(3A2) | 7313(8)   | 8997(8)   | 2522(3)  | 79    |
| H(3A3) | 6459(8)   | 8191(8)   | 2349(3)  | 79    |
| H(3B1) | 9174(8)   | 7164(7)   | 2278(3)  | 83    |
| H(3B2) | 8040(8)   | 6964(7)   | 2433(3)  | 83    |
| H(3B3) | 8892(8)   | 7771(7)   | 2607(3)  | 83    |
| H(4)   | 8208(9)   | 12429(9)  | 739(3)   | 80    |
| H(4A1) | 8339(10)  | 12924(9)  | 1344(4)  | 129   |
| H(4A2) | 9519(10)  | 13052(9)  | 1209(4)  | 129   |
| H(4A3) | 9321(10)  | 12163(9)  | 1455(4)  | 129   |
| H(4B1) | 9244(10)  | 11048(11) | 593(4)   | 155   |
| H(4B2) | 9881(10)  | 11000(11) | 990(4)   | 155   |
| H(4B3) | 10081(10) | 11889(11) | 745(4)   | 155   |
| H(5)   | 6049(13)  | 10251(10) | 630(3)   | 102   |
| H(5A1) | 7649(15)  | 9246(10)  | 748(3)   | 183   |
| H(5A2) | 8196(15)  | 9807(10)  | 454(3)   | 183   |
| H(5A3) | 7065(15)  | 9209(10)  | 344(3)   | 183   |
| H(5B1) | 6080(14)  | 11644(12) | 320(4)   | 196   |
| H(5B2) | 6084(14)  | 10702(12) | 84(4)    | 196   |
| H(5B3) | 7215(14)  | 11299(12) | 193(4)   | 196   |
| H(6)   | 5481(9)   | 11567(7)  | 1018(3)  | 51    |
| H(6A1) | 6293(8)   | 11574(7)  | 1629(3)  | 74    |
| H(6A2) | 5477(8)   | 12467(7)  | 1526(3)  | 74    |
| H(6A3) | 6808(8)   | 12609(7)  | 1576(3)  | 74    |
| H(6B1) | 6010(9)   | 12747(7)  | 629(3)   | 88    |
| H(6B2) | 6637(9)   | 13327(7)  | 962(3)   | 88    |
| H(6B3) | 5306(9)   | 13187(7)  | 911(3)   | 88    |
| H(7A)  | 5032(7)   | 10238(8)  | 1338(3)  | 62    |
| H(7B)  | 5129(7)   | 9570(8)   | 1682(3)  | 62    |

|        |         |         |         |    |
|--------|---------|---------|---------|----|
| H(8A)  | 3654(8) | 8827(8) | 1359(3) | 71 |
| H(8B)  | 4032(8) | 9135(8) | 991(3)  | 71 |
| H(9A)  | 4908(9) | 7607(8) | 1443(4) | 95 |
| H(9B)  | 4602(9) | 7584(8) | 1020(4) | 95 |
| H(10A) | 6202(9) | 8284(8) | 946(3)  | 65 |
| H(10B) | 6637(9) | 7800(8) | 1322(3) | 65 |
| H(22)  | 3439(7) | 6444(6) | 1601(2) | 32 |
| H(24)  | 1540(7) | 6317(7) | 2391(2) | 42 |
| H(26)  | 1042(6) | 4379(7) | 1588(2) | 31 |
| H(32)  | 4752(7) | 4910(6) | 1522(2) | 30 |
| H(34)  | 6706(8) | 5990(7) | 829(3)  | 45 |
| H(36)  | 3327(7) | 5707(6) | 527(2)  | 34 |
| H(42)  | 2057(7) | 6770(6) | 894(2)  | 36 |
| H(44)  | -982(8) | 6574(7) | 269(2)  | 44 |
| H(46)  | 516(7)  | 4179(7) | 741(2)  | 37 |
| H(52)  | 2790(7) | 3415(6) | 1650(2) | 37 |
| H(54)  | 2852(7) | 976(6)  | 1065(2) | 36 |
| H(56)  | 2518(7) | 3595(6) | 583(2)  | 35 |

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FIGURE S1

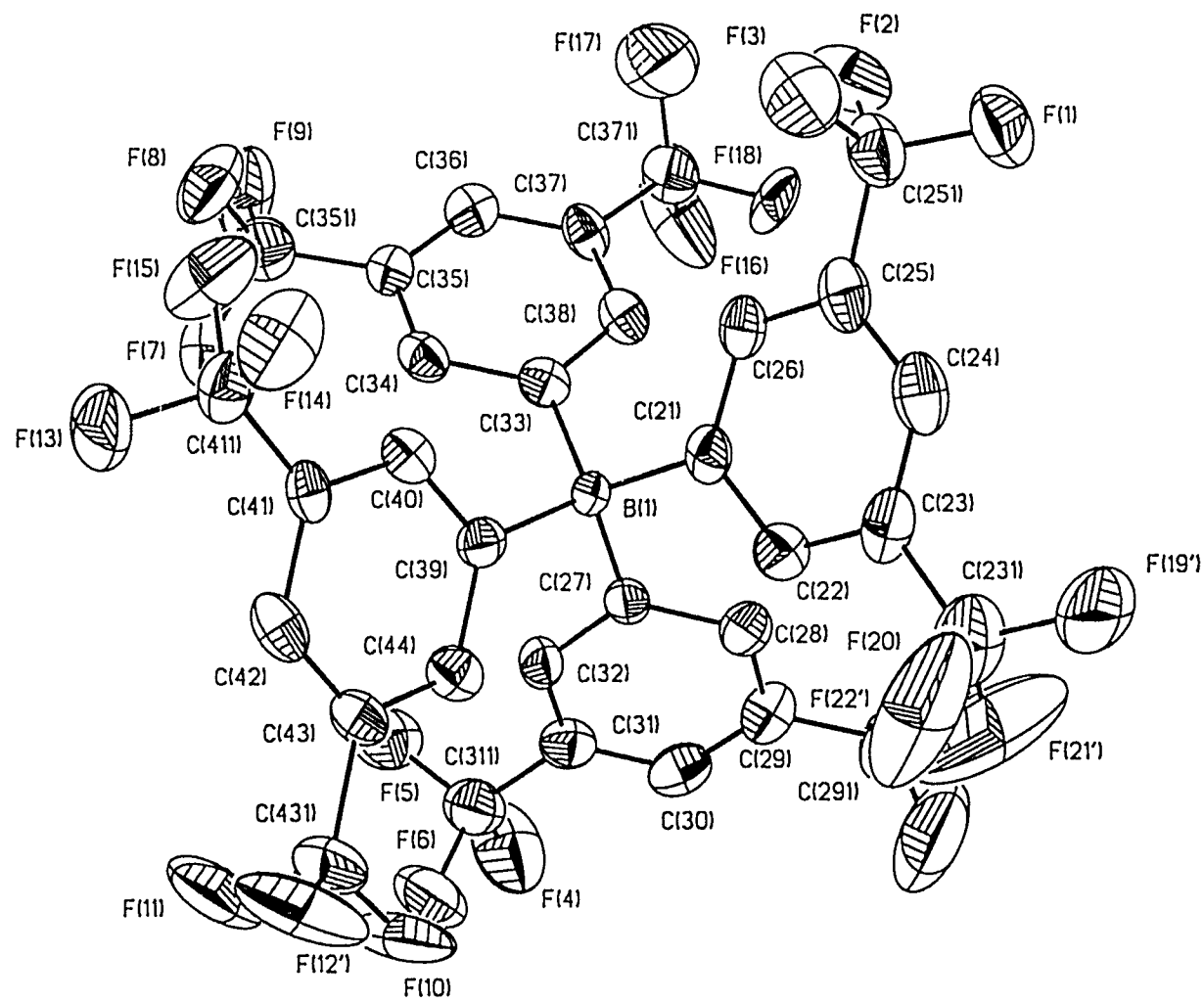


Fig. S1