Table S1 Crystal data and structure refinement for $\{p\text{-}[(CO)_3MoC_5H_4C(O)]_2C_6H_4\}Ph_4Sn_3S_3$.

Empirical formula	$C_{49.50}H_{36}Cl_3Mo_2O_{8.50}S_3Sn_3$
Formula	1517.26
Temperature	293(2) K
Diffractometer type	Bruker SMART CCD area detector
Wavelength	0.71073 Å
Crystal system	Triclinic
Space group	*P*-1
Unit cell dimensions	
a	12.800(4) Å
b	14.624(5) Å
c	17.632(6 Å
α	84.342(6)°
β	71.524(5)°
γ	64.114(5)°
Volume, *Z*	2813.3(16) $Å^3$, 2
Calculated density	1.791 $g.cm^{-3}$
Absorption coefficient	2.049 mm^{-1}
F(000)	1468
Crystal size	0.30 x 0.25 x 0.20 mm
θ range for data collection	1.84 to 25.03°
Limiting indices	-15<=h<=15, -17<=k<=10, -20<=l<=19
Reflections collected / unique	11739 / 9867 [R(int) = 0.0255]
Completeness to θ = 25.03	99.1 %
Absorption correction	MULTI-SCNA
Refinement method	Full-matrix least-squares on F^2
Data / restraints / parameters	9867 / 2 / 640
Goodness-of-fit on F^2	0.965
Final R indices [I>2σ(I)]	R1 = 0.0415, wR2 = 0.0859
R indices (all data)	R1 = 0.0817, wR2 = 0.0982
Largest diff. peak and hole	0.852 and -0.667 e. $Å^{-3}$

Table S2 Atomic coordinates (x 10^4) and equivalent isotropic displacement parameters ($Å^2$ x 10^3) for $\{p\text{-}[(CO)_3MoC_5H_4C(O)]_2C_6H_4\}Ph_4Sn_3S_3$. U(eq) is defined as one third of the trace of the orthogonalized U_{ij} tensor.

	x	y	z	U(eq)
Mo(1)	11229(1)	6974(1)	41(1)	44(1)
Mo(2)	6368(1)	7113(1)	4537(1)	50(1)
Sn(1)	8757(1)	7983(1)	914(1)	41(1)
Sn(2)	6478(1)	8014(1)	3061(1)	43(1)
Sn(3)	7442(1)	10228(1)	2461(1)	46(1)
S(1)	8598(2)	7332(1)	2240(1)	47(1)
S(2)	8169(2)	9796(1)	1053(1)	65(1)
S(3)	5818(2)	9830(1)	3270(1)	62(1)
O(1)	12346(7)	5403(5)	-1396(4)	109(2)
O(2)	9894(6)	8451(6)	-1110(4)	109(2)
O(3)	10275(5)	5311(4)	690(3)	69(2)
O(4)	7299(6)	5316(5)	3310(4)	92(2)
O(5)	3757(6)	8771(5)	4613(4)	107(2)
O(6)	4824(7)	5958(6)	5426(4)	104(2)
O(7)	13676(5)	4849(4)	982(3)	67(2)
O(8)	9303(5)	4758(4)	4546(3)	67(2)
C(1)	11935(9)	5998(7)	-882(5)	76(3)
C(2)	10358(7)	7859(7)	-697(5)	67(2)
C(3)	10566(7)	5948(6)	450(4)	52(2)
C(4)	6915(8)	6011(7)	3732(5)	64(2)
C(5)	4703(9)	8158(7)	4564(5)	75(3)
C(6)	5359(8)	6400(7)	5103(5)	74(3)
C(7)	11512(6)	7565(5)	1100(4)	46(2)
C(8)	11620(7)	8220(6)	470(4)	54(2)
C(9)	12644(7)	7664(6)	-165(5)	61(2)
C(10)	13187(7)	6645(6)	63(4)	56(2)
C(11)	12499(6)	6570(5)	860(4)	46(2)
C(12)	12785(7)	5621(5)	1295(4)	48(2)
C(13)	11926(6)	5631(5)	2089(4)	44(2)
C(14)	11552(7)	6320(5)	2708(5)	52(2)
C(15)	10712(7)	6317(6)	3438(4)	52(2)
C(16)	10244(6)	5607(5)	3550(4)	48(2)
C(17)	10658(7)	4879(5)	2947(5)	55(2)
C(18)	11492(7)	4880(5)	2238(5)	55(2)
C(19)	9306(7)	5569(6)	4290(5)	55(2)
C(20)	8297(7)	6523(6)	4717(4)	53(2)

C(21)	7417(8)	6578(7)	5467(5)	64(2)
C(22)	6576(8)	7593(7)	5683(5)	78(3)
C(23)	6904(8)	8187(7)	5065(5)	69(2)
C(24)	7962(7)	7541(6)	4463(4)	56(2)
C(25)	7545(6)	7867(6)	359(4)	51(2)
C(26)	6894(8)	8688(7)	-31(5)	80(3)
C(27)	6167(9)	8593(10)	-437(6)	108(4)
C(28)	6155(10)	7659(11)	-474(6)	104(4)
C(29)	6768(9)	6877(8)	-85(7)	96(3)
C(30)	7462(7)	6984(6)	325(5)	71(2)
C(31)	5344(7)	7972(6)	2395(4)	55(2)
C(32)	4750(8)	8805(7)	2023(5)	75(3)
C(33)	4076(9)	8758(9)	1566(6)	96(3)
C(34)	3977(9)	7877(10)	1504(6)	100(4)
C(35)	4546(11)	7050(9)	1881(7)	113(4)
C(36)	5240(9)	7099(7)	2313(6)	92(3)
C(37)	6499(7)	11852(5)	2481(4)	50(2)
C(38)	5417(8)	12295(6)	2281(4)	68(2)
C(39)	4794(10)	13351(8)	2336(6)	108(4)
C(40)	5204(15)	13956(9)	2560(7)	126(6)
C(41)	6283(13)	13505(8)	2745(6)	109(4)
C(42)	6923(8)	12476(6)	2712(5)	71(2)
C(43)	8860(7)	9771(5)	3009(5)	50(2)
C(44)	10026(8)	9613(6)	2566(5)	72(2)
C(45)	10912(9)	9347(8)	2955(8)	102(4)
C(46)	10614(14)	9266(8)	3764(10)	116(5)
C(47)	9467(13)	9404(9)	4198(7)	112(4)
C(48)	8572(9)	9671(6)	3827(5)	74(3)
C(50)	7959(17)	3305(13)	4863(10)	199(8)
Cl(5)	6969(5)	3445(4)	5847(3)	201(2)
Cl(6)	8373(5)	2186(4)	4421(3)	208(2)
Cl(3)	9895(9)	7024(6)	7672(6)	202(4)
Cl(4)	7945(9)	8085(7)	7073(8)	226(6)
C(49)	8731(14)	8096(10)	7631(10)	89(6)
O(9)	7722(16)	9017(15)	6568(15)	192(10)

Table S3 Bond distances [Å] and angles [°] for $\{p\text{-}[(CO)_3MoC_5H_4C(O)]_2C_6H_4\}Ph_4Sn_3S_3$.

Bond distances (Å)			
Mo(1)-C(1)	1.976(9)	C(20)-C(24)	1.426(10)
Mo(1)-C(2)	1.984(8)	C(21)-C(22)	1.401(11)
Mo(1)-C(3)	2.001(8)	C(22)-C(23)	1.400(11)
Mo(1)-C(7)	2.321(7)	C(23)-C(24)	1.422(10)
Mo(1)-C(8)	2.335(7)	C(25)-C(30)	1.349(9)
Mo(1)-C(10)	2.349(7)	C(25)-C(26)	1.391(10)
Mo(1)-C(9)	2.354(7)	C(26)-C(27)	1.397(11)
Mo(1)-C(11)	2.357(6)	C(27)-C(28)	1.381(13)
Mo(1)-Sn(1)	2.8006(11)	C(28)-C(29)	1.341(13)
Mo(2)-C(6)	1.976(9)	C(29)-C(30)	1.374(11)
Mo(2)-C(4)	1.985(10)	C(31)-C(32)	1.357(10)
Mo(2)-C(5)	1.996(10)	C(31)-C(36)	1.366(10)
Mo(2)-C(21)	2.309(7)	C(32)-C(33)	1.378(11)
Mo(2)-C(22)	2.330(8)	C(33)-C(34)	1.367(12)
Mo(2)-C(23)	2.333(8)	C(34)-C(35)	1.348(13)
Mo(2)-C(24)	2.346(7)	C(35)-C(36)	1.367(11)
Mo(2)-C(20)	2.351(7)	C(37)-C(42)	1.393(9)
Mo(2)-Sn(2)	2.7903(11)	C(37)-C(38)	1.394(10)
Sn(1)-C(25)	2.149(7)	C(38)-C(39)	1.392(12)
Sn(1)-S(1)	2.4172(19)	C(39)-C(40)	1.348(15)
Sn(1)-S(2)	2.435(2)	C(40)-C(41)	1.377(16)
Sn(2)-C(31)	2.159(7)	C(41)-C(42)	1.359(12)
Sn(2)-S(1)	2.425(2)	C(43)-C(44)	1.374(10)
Sn(2)-S(3)	2.437(2)	C(43)-C(48)	1.380(10)
Sn(3)-C(37)	2.141(7)	C(44)-C(45)	1.401(12)
Sn(3)-C(43)	2.145(7)	C(45)-C(46)	1.362(15)
Sn(3)-S(3)	2.389(2)	C(46)-C(47)	1.357(15)
Sn(3)-S(2)	2.399(2)	C(47)-C(48)	1.388(12)
O(1)-C(1)	1.143(9)	C(50)-Cl(6)	1.674(16)
O(2)-C(2)	1.155(9)	C(50)-Cl(5)	1.762(17)
O(3)-C(3)	1.145(8)	Cl(3)-C(49)	1.639(9)
O(4)-C(4)	1.144(9)	Cl(4)-C(49)	1.620(9)
O(5)-C(5)	1.131(9)	C(11)-C(12)	1.474(9)
O(6)-C(6)	1.131(9)	C(12)-C(13)	1.477(10)
O(7)-C(12)	1.216(8)	C(13)-C(14)	1.379(9)
O(8)-C(19)	1.228(8)	C(13)-C(18)	1.402(9)
C(7)-C(8)	1.407(9)	C(14)-C(15)	1.393(9)
C(7)-C(11)	1.439(9)	C(15)-C(16)	1.379(9)
C(8)-C(9)	1.397(10)	C(16)-C(17)	1.385(9)
C(9)-C(10)	1.422(10)	C(16)-C(19)	1.483(10)
C(10)-C(11)	1.426(9)	C(17)-C(18)	1.363(10)
C(20)-C(21)	1.422(10)	C(19)-C(20)	1.482(10)
Angles (°)			
C(1)-Mo(1)-C(2)	80.5(4)	C(4)-Mo(2)-Sn(2)	73.6(2)
C(1)-Mo(1)-C(3)	76.5(3)	C(5)-Mo(2)-Sn(2)	70.8(2)
C(2)-Mo(1)-C(3)	109.2(3)	C(21)-Mo(2)-Sn(2)	141.0(2)
C(1)-Mo(1)-C(7)	147.9(3)	C(22)-Mo(2)-Sn(2)	129.6(2)

C(2)-Mo(1)-C(7)	124.6(3)	C(23)-Mo(2)-Sn(2)	95.0(2)
C(3)-Mo(1)-C(7)	108.2(3)	C(24)-Mo(2)-Sn(2)	83.00(18)
C(1)-Mo(1)-C(8)	137.8(3)	C(20)-Mo(2)-Sn(2)	107.84(18)
C(2)-Mo(1)-C(8)	94.9(3)	C(25)-Sn(1)-S(1)	114.8(2)
C(3)-Mo(1)-C(8)	142.2(3)	C(25)-Sn(1)-S(2)	105.6(2)
C(7)-Mo(1)-C(8)	35.2(2)	S(1)-Sn(1)-S(2)	106.86(7)
C(1)-Mo(1)-C(10)	90.9(3)	C(25)-Sn(1)-Mo(1)	113.95(19)
C(2)-Mo(1)-C(10)	126.9(3)	S(1)-Sn(1)-Mo(1)	105.22(5)
C(3)-Mo(1)-C(10)	119.5(3)	S(2)-Sn(1)-Mo(1)	110.14(6)
C(7)-Mo(1)-C(10)	58.6(3)	C(31)-Sn(2)-S(1)	110.6(2)
C(8)-Mo(1)-C(10)	58.4(3)	C(31)-Sn(2)-S(3)	103.1(2)
C(1)-Mo(1)-C(9)	103.6(3)	S(1)-Sn(2)-S(3)	106.45(7)
C(2)-Mo(1)-C(9)	96.2(3)	C(31)-Sn(2)-Mo(2)	119.18(19)
C(3)-Mo(1)-C(9)	154.1(3)	S(1)-Sn(2)-Mo(2)	108.05(5)
C(7)-Mo(1)-C(9)	58.2(3)	S(3)-Sn(2)-Mo(2)	108.68(6)
C(8)-Mo(1)-C(9)	34.7(2)	C(37)-Sn(3)-C(43)	110.9(3)
C(10)-Mo(1)-C(9)	35.2(2)	C(37)-Sn(3)-S(3)	100.2(2)
C(1)-Mo(1)-C(11)	113.0(3)	C(43)-Sn(3)-S(3)	110.9(2)
C(2)-Mo(1)-C(11)	153.1(3)	C(37)-Sn(3)-S(2)	101.64(19)
C(3)-Mo(1)-C(11)	96.9(3)	C(43)-Sn(3)-S(2)	114.1(2)
C(7)-Mo(1)-C(11)	35.8(2)	S(3)-Sn(3)-S(2)	117.69(8)
C(8)-Mo(1)-C(11)	59.1(2)	Sn(1)-S(1)-Sn(2)	110.09(7)
C(10)-Mo(1)-C(11)	35.3(2)	Sn(3)-S(2)-Sn(1)	106.90(7)
C(9)-Mo(1)-C(11)	58.8(2)	Sn(3)-S(3)-Sn(2)	107.29(8)
C(1)-Mo(1)-Sn(1)	126.6(3)	O(1)-C(1)-Mo(1)	177.3(8)
C(2)-Mo(1)-Sn(1)	72.2(2)	O(2)-C(2)-Mo(1)	172.4(8)
C(3)-Mo(1)-Sn(1)	70.7(2)	O(3)-C(3)-Mo(1)	174.6(6)
C(7)-Mo(1)-Sn(1)	83.36(18)	O(4)-C(4)-Mo(2)	173.5(7)
C(8)-Mo(1)-Sn(1)	90.5(2)	O(5)-C(5)-Mo(2)	176.7(9)
C(10)-Mo(1)-Sn(1)	141.99(19)	O(6)-C(6)-Mo(2)	177.2(9)
C(9)-Mo(1)-Sn(1)	123.9(2)	C(8)-C(7)-C(11)	108.8(6)
C(11)-Mo(1)-Sn(1)	111.89(17)	C(8)-C(7)-Mo(1)	73.0(4)
C(6)-Mo(2)-C(4)	79.2(4)	C(11)-C(7)-Mo(1)	73.5(4)
C(6)-Mo(2)-C(5)	78.8(4)	C(9)-C(8)-C(7)	108.3(7)
C(4)-Mo(2)-C(5)	109.3(4)	C(9)-C(8)-Mo(1)	73.4(4)
C(6)-Mo(2)-C(21)	89.3(3)	C(7)-C(8)-Mo(1)	71.9(4)
C(4)-Mo(2)-C(21)	111.8(3)	C(8)-C(9)-C(10)	108.4(7)
C(5)-Mo(2)-C(21)	133.9(3)	C(8)-C(9)-Mo(1)	71.9(4)
C(6)-Mo(2)-C(22)	95.7(3)	C(10)-C(9)-Mo(1)	72.2(4)
C(4)-Mo(2)-C(22)	146.9(3)	C(9)-C(10)-C(11)	108.5(7)
C(5)-Mo(2)-C(22)	101.5(3)	C(9)-C(10)-Mo(1)	72.6(4)
C(21)-Mo(2)-C(22)	35.2(3)	C(11)-C(10)-Mo(1)	72.7(4)
C(6)-Mo(2)-C(23)	128.9(3)	C(10)-C(11)-C(7)	105.9(6)
C(4)-Mo(2)-C(23)	146.1(3)	C(10)-C(11)-C(12)	123.9(7)
C(5)-Mo(2)-C(23)	96.0(3)	C(7)-C(11)-C(12)	130.1(7)
C(21)-Mo(2)-C(23)	58.2(3)	C(10)-C(11)-Mo(1)	72.1(4)
C(22)-Mo(2)-C(23)	35.0(3)	C(7)-C(11)-Mo(1)	70.7(4)
C(6)-Mo(2)-C(24)	147.8(3)	C(12)-C(11)-Mo(1)	120.6(4)
C(4)-Mo(2)-C(24)	110.8(3)	O(7)-C(12)-C(11)	119.8(7)
C(5)-Mo(2)-C(24)	122.5(3)	O(7)-C(12)-C(13)	122.0(6)

C(21)-Mo(2)-C(24)	58.6(3)	C(11)-C(12)-C(13)	118.0(6)
C(22)-Mo(2)-C(24)	58.8(3)	C(14)-C(13)-C(18)	117.5(7)
C(23)-Mo(2)-C(24)	35.4(3)	C(14)-C(13)-C(12)	123.7(6)
C(6)-Mo(2)-C(20)	116.5(3)	C(18)-C(13)-C(12)	118.8(6)
C(4)-Mo(2)-C(20)	93.7(3)	C(13)-C(14)-C(15)	121.5(7)
C(5)-Mo(2)-C(20)	154.9(3)	C(16)-C(15)-C(14)	119.6(7)
C(21)-Mo(2)-C(20)	35.5(2)	C(17)-C(16)-C(15)	119.4(7)
C(22)-Mo(2)-C(20)	59.1(3)	C(17)-C(16)-C(19)	116.8(7)
C(23)-Mo(2)-C(20)	58.8(3)	C(15)-C(16)-C(19)	123.7(7)
C(24)-Mo(2)-C(20)	35.4(2)	C(18)-C(17)-C(16)	120.5(7)
C(6)-Mo(2)-Sn(2)	128.8(2)	C(17)-C(18)-C(13)	121.3(7)
C(28)-C(29)-C(30)	120.1(10)	O(8)-C(19)-C(20)	118.0(7)
C(25)-C(30)-C(29)	122.0(8)	O(8)-C(19)-C(16)	121.5(7)
C(32)-C(31)-C(36)	118.3(8)	C(20)-C(19)-C(16)	120.4(6)
C(32)-C(31)-Sn(2)	120.7(6)	C(21)-C(20)-C(24)	106.2(7)
C(36)-C(31)-Sn(2)	121.0(6)	C(21)-C(20)-C(19)	125.0(7)
C(31)-C(32)-C(33)	120.4(8)	C(24)-C(20)-C(19)	128.7(7)
C(34)-C(33)-C(32)	120.0(9)	C(21)-C(20)-Mo(2)	70.7(4)
C(35)-C(34)-C(33)	120.2(9)	C(24)-C(20)-Mo(2)	72.2(4)
C(34)-C(35)-C(36)	119.2(10)	C(19)-C(20)-Mo(2)	119.7(5)
C(35)-C(36)-C(31)	122.0(9)	C(22)-C(21)-C(20)	109.8(7)
C(42)-C(37)-C(38)	119.1(7)	C(22)-C(21)-Mo(2)	73.2(5)
C(42)-C(37)-Sn(3)	121.5(6)	C(20)-C(21)-Mo(2)	73.8(4)
C(38)-C(37)-Sn(3)	119.3(6)	C(21)-C(22)-C(23)	107.3(8)
C(39)-C(38)-C(37)	118.0(9)	C(21)-C(22)-Mo(2)	71.6(4)
C(40)-C(39)-C(38)	122.8(11)	C(23)-C(22)-Mo(2)	72.6(5)
C(39)-C(40)-C(41)	118.4(11)	C(22)-C(23)-C(24)	108.9(8)
C(42)-C(41)-C(40)	121.4(11)	C(22)-C(23)-Mo(2)	72.4(5)
C(41)-C(42)-C(37)	120.2(9)	C(24)-C(23)-Mo(2)	72.8(4)
C(44)-C(43)-C(48)	120.0(8)	C(23)-C(24)-C(20)	107.7(7)
C(44)-C(43)-Sn(3)	121.2(6)	C(23)-C(24)-Mo(2)	71.8(4)
C(48)-C(43)-Sn(3)	118.7(6)	C(20)-C(24)-Mo(2)	72.5(4)
C(43)-C(44)-C(45)	119.1(9)	C(30)-C(25)-C(26)	118.2(7)
C(46)-C(45)-C(44)	120.3(10)	C(30)-C(25)-Sn(1)	121.4(5)
C(47)-C(46)-C(45)	120.3(11)	C(26)-C(25)-Sn(1)	120.2(6)
C(46)-C(47)-C(48)	120.4(11)	C(25)-C(26)-C(27)	120.3(9)
C(43)-C(48)-C(47)	119.8(9)	C(28)-C(27)-C(26)	118.7(9)
Cl(6)-C(50)-Cl(5)	111.9(7)	C(29)-C(28)-C(27)	120.6(9)
Cl(4)-C(49)-Cl(3)	116.9(9)		

Table S4 Anisotropic displacement parameters ($Å^2$ x 10^3) for {*p*-$[(CO)_3MoC_5H_4C(O)]_2C_6H_4\}Ph_4Sn_3S_3$. The anisotropic displacement factor exponent takes the form: $-2\pi^2.[h^2.a^{*2}.U11 + ... + 2h.k.a^*.b^*.U12]$.

	U11	U22	U33	U23	U13	U12
Mo(1)	46(1)	47(1)	36(1)	4(1)	-12(1)	-18(1)
Mo(2)	53(1)	51(1)	41(1)	5(1)	-9(1)	-22(1)
Sn(1)	46(1)	37(1)	37(1)	1(1)	-16(1)	-14(1)
Sn(2)	45(1)	42(1)	44(1)	5(1)	-14(1)	-20(1)
Sn(3)	53(1)	35(1)	48(1)	1(1)	-17(1)	-17(1)
S(1)	41(1)	52(1)	41(1)	8(1)	-13(1)	-15(1)
S(2)	103(2)	37(1)	47(1)	6(1)	-22(1)	-25(1)
S(3)	53(1)	41(1)	80(2)	-5(1)	-5(1)	-18(1)
O(1)	144(7)	98(5)	71(5)	-28(4)	-5(4)	-52(5)
O(2)	104(6)	147(6)	73(5)	57(4)	-50(4)	-45(5)
O(3)	74(4)	54(4)	80(4)	2(3)	-19(3)	-32(3)
O(4)	121(6)	62(4)	94(5)	-7(3)	-43(4)	-29(4)
O(5)	57(4)	103(5)	113(6)	12(4)	-2(4)	-9(4)
O(6)	121(6)	129(6)	86(5)	38(4)	-26(4)	-86(5)
O(7)	61(4)	53(3)	63(4)	9(3)	-14(3)	-8(3)
O(8)	67(4)	64(4)	69(4)	20(3)	-18(3)	-32(3)
C(1)	99(8)	82(7)	51(6)	-4(5)	-12(5)	-48(6)
C(2)	59(6)	82(6)	55(5)	11(4)	-17(5)	-28(5)
C(3)	51(5)	51(5)	48(5)	-6(4)	-17(4)	-16(4)
C(4)	77(6)	62(6)	61(6)	18(4)	-22(5)	-39(5)
C(5)	59(6)	84(7)	61(6)	3(5)	-2(5)	-23(5)
C(6)	81(7)	78(6)	65(6)	30(5)	-22(5)	-43(5)
C(7)	49(5)	51(5)	40(4)	8(3)	-15(4)	-22(4)
C(8)	64(5)	52(5)	55(5)	10(4)	-21(4)	-33(4)
C(9)	62(6)	72(6)	57(5)	25(4)	-17(5)	-40(5)
C(10)	41(5)	65(5)	53(5)	6(4)	-9(4)	-19(4)
C(11)	43(4)	56(5)	41(4)	7(3)	-17(4)	-22(4)
C(12)	47(5)	46(5)	52(5)	6(4)	-19(4)	-17(4)
C(13)	48(5)	39(4)	47(5)	9(3)	-22(4)	-16(3)
C(14)	51(5)	52(5)	62(5)	17(4)	-29(4)	-25(4)
C(15)	54(5)	64(5)	46(5)	3(4)	-21(4)	-30(4)
C(16)	47(5)	49(5)	45(5)	9(4)	-18(4)	-17(4)
C(17)	52(5)	40(4)	69(6)	12(4)	-19(4)	-19(4)
C(18)	60(5)	40(4)	59(5)	8(4)	-19(4)	-16(4)
C(19)	63(6)	56(5)	54(5)	20(4)	-32(4)	-29(4)
C(20)	65(5)	60(5)	39(5)	9(4)	-21(4)	-29(4)

C(21)	70(6)	82(6)	42(5)	14(4)	-24(4)	-32(5)
C(22)	83(7)	94(7)	41(5)	-11(5)	-9(5)	-28(6)
C(23)	86(7)	70(6)	50(5)	-7(4)	-7(5)	-41(5)
C(24)	61(5)	71(6)	46(5)	1(4)	-13(4)	-38(4)
C(25)	43(5)	70(6)	41(4)	2(4)	-17(4)	-21(4)
C(26)	74(6)	91(7)	86(7)	31(5)	-48(6)	-35(5)
C(27)	90(8)	161(12)	94(8)	35(7)	-66(7)	-53(8)
C(28)	103(9)	168(12)	80(8)	-4(8)	-42(7)	-82(9)
C(29)	99(8)	88(8)	117(9)	-17(6)	-54(7)	-35(6)
C(30)	58(6)	61(6)	98(7)	-14(5)	-34(5)	-20(4)
C(31)	47(5)	73(6)	51(5)	8(4)	-12(4)	-36(4)
C(32)	70(6)	77(6)	93(7)	25(5)	-45(6)	-35(5)
C(33)	85(8)	121(9)	114(9)	45(7)	-71(7)	-52(7)
C(34)	91(8)	167(12)	89(8)	13(8)	-47(7)	-84(8)
C(35)	136(11)	127(10)	136(10)	34(8)	-91(9)	-82(9)
C(36)	110(9)	84(7)	111(8)	12(6)	-58(7)	-51(6)
C(37)	63(5)	32(4)	39(4)	-2(3)	-4(4)	-15(4)
C(38)	67(6)	70(6)	51(5)	18(4)	-20(5)	-16(5)
C(39)	96(8)	74(8)	80(8)	38(6)	-17(6)	15(6)
C(40)	199(16)	38(7)	83(8)	8(6)	0(9)	-32(9)
C(41)	182(13)	43(7)	97(9)	-5(6)	-27(9)	-54(8)
C(42)	108(7)	52(6)	63(6)	-1(4)	-27(5)	-41(5)
C(43)	57(5)	38(4)	59(5)	-1(3)	-19(4)	-23(4)
C(44)	68(6)	80(6)	69(6)	-17(5)	-9(5)	-37(5)
C(45)	55(7)	115(9)	133(11)	-27(8)	-26(7)	-30(6)
C(46)	130(12)	100(9)	162(14)	19(9)	-108(11)	-46(8)
C(47)	156(12)	134(10)	101(9)	47(7)	-81(10)	-92(10)
C(48)	95(7)	95(7)	56(6)	24(5)	-33(5)	-60(6)
C(50)	330(20)	214(17)	217(18)	114(15)	-161(18)	-233(19)
Cl(5)	209(5)	194(4)	220(5)	-14(4)	-143(4)	-46(4)
Cl(6)	255(6)	231(5)	178(4)	46(4)	-91(4)	-129(5)
Cl(3)	273(11)	162(7)	239(10)	-63(7)	-129(9)	-103(8)
Cl(4)	222(10)	106(6)	409(17)	-10(8)	-209(11)	-40(6)
C(49)	150(20)	59(12)	57(11)	-6(9)	-61(13)	-25(12)
O(9)	136(15)	137(16)	340(30)	-125(18)	-78(17)	-55(13)

Table S5 Hydrogen coordinates (x 10^4) and isotropic displacement parameters ($Å^2$ x 10^3) for {*p*-$[(CO)_3MoC_5H_4C(O)]_2C_6H_4\}Ph_4Sn_3S_3$.

	x	y	z	U(eq)
H(7A)	10923	7773	1636	55
H(8A)	11118	8956	494	64
H(9A)	12974	7943	-663	74
H(10A)	13953	6105	-252	67
H(14A)	11868	6798	2637	62
H(15A)	10468	6790	3848	62
H(17A)	10366	4385	3027	66
H(18A)	11778	4374	1846	66
H(21A)	7449	6002	5810	77
H(22A)	5934	7846	6196	93
H(23A)	6517	8932	5071	83
H(24A)	8426	7762	3987	68
H(26A)	6943	9302	-21	96
H(27A)	5700	9148	-678	129
H(28A)	5718	7572	-771	124
H(29A)	6723	6260	-92	116
H(30A)	7888	6432	587	85
H(32A)	4798	9411	2076	90
H(33A)	3689	9326	1301	116
H(34A)	3515	7849	1200	120
H(35A)	4468	6453	1848	135
H(36A)	5653	6521	2558	111
H(38A)	5120	11897	2117	82
H(39A)	4064	13653	2213	130
H(40A)	4769	14660	2588	151
H(41A)	6579	13913	2897	130
H(42A)	7646	12189	2843	86
H(44A)	10224	9683	2015	86
H(45A)	11708	9226	2659	122
H(46A)	11199	9115	4020	139
H(47A)	9279	9319	4747	134
H(48A)	7782	9783	4128	89
H(50A)	7557	3851	4551	238
H(50B)	8682	3359	4877	238
H(49A)	8184	8310	8171	107
H(49B)	9032	8608	7441	107

Table S6 Torsion angles [°] for {*p*-[$(CO)_3MoC_5H_4C(O)]_2C_6H_4$}$Ph_4Sn_3S_3$.

C(1)-Mo(1)-Sn(1)-C(25)	-12.2(4)	C(11)-C(12)-C(13)-C(18)	128.3(7)
C(2)-Mo(1)-Sn(1)-C(25)	50.8(3)	C(18)-C(13)-C(14)-C(15)	-4.2(10)
C(3)-Mo(1)-Sn(1)-C(25)	-67.7(3)	C(12)-C(13)-C(14)-C(15)	178.1(6)
C(7)-Mo(1)-Sn(1)-C(25)	-179.6(3)	C(13)-C(14)-C(15)-C(16)	0.3(10)
C(8)-Mo(1)-Sn(1)-C(25)	145.9(3)	C(14)-C(15)-C(16)-C(17)	2.9(10)
C(10)-Mo(1)-Sn(1)-C(25)	178.7(4)	C(14)-C(15)-C(16)-C(19)	-177.1(6)
C(9)-Mo(1)-Sn(1)-C(25)	136.3(3)	C(15)-C(16)-C(17)-C(18)	-2.1(10)
C(11)-Mo(1)-Sn(1)-C(25)	-157.5(3)	C(19)-C(16)-C(17)-C(18)	177.9(6)
C(1)-Mo(1)-Sn(1)-S(1)	114.5(3)	C(16)-C(17)-C(18)-C(13)	-1.9(11)
C(2)-Mo(1)-Sn(1)-S(1)	177.5(3)	C(14)-C(13)-C(18)-C(17)	5.0(10)
C(3)-Mo(1)-Sn(1)-S(1)	59.0(2)	C(12)-C(13)-C(18)-C(17)	-177.2(6)
C(7)-Mo(1)-Sn(1)-S(1)	-52.92(17)	C(17)-C(16)-C(19)-O(8)	34.7(10)
C(8)-Mo(1)-Sn(1)-S(1)	-87.44(18)	C(15)-C(16)-C(19)-O(8)	-145.3(7)
C(10)-Mo(1)-Sn(1)-S(1)	-54.6(3)	C(17)-C(16)-C(19)-C(20)	-141.8(7)
C(9)-Mo(1)-Sn(1)-S(1)	-97.0(2)	C(15)-C(16)-C(19)-C(20)	38.2(10)
C(11)-Mo(1)-Sn(1)-S(1)	-30.80(18)	O(8)-C(19)-C(20)-C(21)	9.5(11)
C(1)-Mo(1)-Sn(1)-S(2)	-130.7(3)	C(16)-C(19)-C(20)-C(21)	-173.9(7)
C(2)-Mo(1)-Sn(1)-S(2)	-67.6(3)	O(8)-C(19)-C(20)-C(24)	-166.9(7)
C(3)-Mo(1)-Sn(1)-S(2)	173.9(2)	C(16)-C(19)-C(20)-C(24)	9.7(11)
C(7)-Mo(1)-Sn(1)-S(2)	61.91(17)	O(8)-C(19)-C(20)-Mo(2)	-76.7(7)
C(8)-Mo(1)-Sn(1)-S(2)	27.39(18)	C(16)-C(19)-C(20)-Mo(2)	99.9(7)
C(10)-Mo(1)-Sn(1)-S(2)	60.2(3)	C(6)-Mo(2)-C(20)-C(21)	-43.6(6)
C(9)-Mo(1)-Sn(1)-S(2)	17.8(2)	C(4)-Mo(2)-C(20)-C(21)	-123.3(5)
C(11)-Mo(1)-Sn(1)-S(2)	84.03(18)	C(5)-Mo(2)-C(20)-C(21)	79.9(8)
C(6)-Mo(2)-Sn(2)-C(31)	0.0(4)	C(22)-Mo(2)-C(20)-C(21)	36.6(5)
C(4)-Mo(2)-Sn(2)-C(31)	60.9(3)	C(23)-Mo(2)-C(20)-C(21)	77.7(5)
C(5)-Mo(2)-Sn(2)-C(31)	-57.0(4)	C(24)-Mo(2)-C(20)-C(21)	115.1(6)
C(21)-Mo(2)-Sn(2)-C(31)	165.4(4)	Sn(2)-Mo(2)-C(20)-C(21)	162.7(4)
C(22)-Mo(2)-Sn(2)-C(31)	-146.2(4)	C(6)-Mo(2)-C(20)-C(24)	-158.7(5)
C(23)-Mo(2)-Sn(2)-C(31)	-151.7(3)	C(4)-Mo(2)-C(20)-C(24)	121.6(5)
C(24)-Mo(2)-Sn(2)-C(31)	175.0(3)	C(5)-Mo(2)-C(20)-C(24)	-35.2(9)
C(20)-Mo(2)-Sn(2)-C(31)	149.5(3)	C(21)-Mo(2)-C(20)-C(24)	-115.1(6)
C(6)-Mo(2)-Sn(2)-S(1)	-127.2(4)	C(22)-Mo(2)-C(20)-C(24)	-78.5(5)
C(4)-Mo(2)-Sn(2)-S(1)	-66.4(3)	C(23)-Mo(2)-C(20)-C(24)	-37.4(4)
C(5)-Mo(2)-Sn(2)-S(1)	175.7(3)	Sn(2)-Mo(2)-C(20)-C(24)	47.6(4)
C(21)-Mo(2)-Sn(2)-S(1)	38.2(3)	C(6)-Mo(2)-C(20)-C(19)	76.4(7)
C(22)-Mo(2)-Sn(2)-S(1)	86.6(3)	C(4)-Mo(2)-C(20)-C(19)	-3.3(6)
C(23)-Mo(2)-Sn(2)-S(1)	81.0(2)	C(5)-Mo(2)-C(20)-C(19)	-160.1(7)
C(24)-Mo(2)-Sn(2)-S(1)	47.7(2)	C(21)-Mo(2)-C(20)-C(19)	120.0(8)
C(20)-Mo(2)-Sn(2)-S(1)	22.2(2)	C(22)-Mo(2)-C(20)-C(19)	156.6(7)
C(6)-Mo(2)-Sn(2)-S(3)	117.7(4)	C(23)-Mo(2)-C(20)-C(19)	-162.3(7)
C(4)-Mo(2)-Sn(2)-S(3)	178.5(3)	C(24)-Mo(2)-C(20)-C(19)	-124.9(8)
C(5)-Mo(2)-Sn(2)-S(3)	60.6(3)	Sn(2)-Mo(2)-C(20)-C(19)	-77.3(6)
C(21)-Mo(2)-Sn(2)-S(3)	-77.0(3)	C(24)-C(20)-C(21)-C(22)	-1.0(9)
C(22)-Mo(2)-Sn(2)-S(3)	-28.6(3)	C(19)-C(20)-C(21)-C(22)	-178.1(7)
C(23)-Mo(2)-Sn(2)-S(3)	-34.1(2)	Mo(2)-C(20)-C(21)-C(22)	-64.9(6)
C(24)-Mo(2)-Sn(2)-S(3)	-67.4(2)	C(24)-C(20)-C(21)-Mo(2)	63.9(5)
C(20)-Mo(2)-Sn(2)-S(3)	-92.9(2)	C(19)-C(20)-C(21)-Mo(2)	-113.2(7)
C(25)-Sn(1)-S(1)-Sn(2)	-49.0(2)	C(6)-Mo(2)-C(21)-C(22)	-100.9(6)
S(2)-Sn(1)-S(1)-Sn(2)	67.76(9)	C(4)-Mo(2)-C(21)-C(22)	-179.0(5)
Mo(1)-Sn(1)-S(1)-Sn(2)	-175.16(5)	C(5)-Mo(2)-C(21)-C(22)	-27.3(7)

C(31)-Sn(2)-S(1)-Sn(1)	43.8(2)	C(23)-Mo(2)-C(21)-C(22)	37.5(5)
S(3)-Sn(2)-S(1)-Sn(1)	-67.57(9)	C(24)-Mo(2)-C(21)-C(22)	79.3(6)
Mo(2)-Sn(2)-S(1)-Sn(1)	175.85(5)	C(20)-Mo(2)-C(21)-C(22)	117.2(7)
C(37)-Sn(3)-S(2)-Sn(1)	-164.0(2)	Sn(2)-Mo(2)-C(21)-C(22)	90.4(6)
C(43)-Sn(3)-S(2)-Sn(1)	76.7(2)	C(6)-Mo(2)-C(21)-C(20)	141.9(5)
S(3)-Sn(3)-S(2)-Sn(1)	-55.76(11)	C(4)-Mo(2)-C(21)-C(20)	63.9(5)
C(25)-Sn(1)-S(2)-Sn(3)	116.0(2)	C(5)-Mo(2)-C(21)-C(20)	-144.5(5)
S(1)-Sn(1)-S(2)-Sn(3)	-6.79(10)	C(22)-Mo(2)-C(21)-C(20)	-117.2(7)
Mo(1)-Sn(1)-S(2)-Sn(3)	-120.57(7)	C(23)-Mo(2)-C(21)-C(20)	-79.7(5)
C(37)-Sn(3)-S(3)-Sn(2)	164.9(2)	C(24)-Mo(2)-C(21)-C(20)	-37.9(4)
C(43)-Sn(3)-S(3)-Sn(2)	-78.0(2)	Sn(2)-Mo(2)-C(21)-C(20)	-26.8(6)
S(2)-Sn(3)-S(3)-Sn(2)	55.87(11)	C(20)-C(21)-C(22)-C(23)	0.9(9)
C(31)-Sn(2)-S(3)-Sn(3)	-109.9(2)	Mo(2)-C(21)-C(22)-C(23)	-64.4(6)
S(1)-Sn(2)-S(3)-Sn(3)	6.55(10)	C(20)-C(21)-C(22)-Mo(2)	65.3(5)
Mo(2)-Sn(2)-S(3)-Sn(3)	122.71(7)	C(6)-Mo(2)-C(22)-C(21)	80.6(6)
C(2)-Mo(1)-C(1)-O(1)	-147(19)	C(4)-Mo(2)-C(22)-C(21)	1.8(9)
C(3)-Mo(1)-C(1)-O(1)	-35(18)	C(5)-Mo(2)-C(22)-C(21)	160.3(5)
C(7)-Mo(1)-C(1)-O(1)	68(19)	C(23)-Mo(2)-C(22)-C(21)	-115.6(8)
C(8)-Mo(1)-C(1)-O(1)	126(18)	C(24)-Mo(2)-C(22)-C(21)	-78.5(5)
C(10)-Mo(1)-C(1)-O(1)	85(19)	C(20)-Mo(2)-C(22)-C(21)	-37.0(5)
C(9)-Mo(1)-C(1)-O(1)	119(19)	Sn(2)-Mo(2)-C(22)-C(21)	-125.2(5)
C(11)-Mo(1)-C(1)-O(1)	57(19)	C(6)-Mo(2)-C(22)-C(23)	-163.8(6)
Sn(1)-Mo(1)-C(1)-O(1)	-88(19)	C(4)-Mo(2)-C(22)-C(23)	117.3(7)
C(1)-Mo(1)-C(2)-O(2)	-129(6)	C(5)-Mo(2)-C(22)-C(23)	-84.1(6)
C(3)-Mo(1)-C(2)-O(2)	159(6)	C(21)-Mo(2)-C(22)-C(23)	115.6(8)
C(7)-Mo(1)-C(2)-O(2)	29(6)	C(24)-Mo(2)-C(22)-C(23)	37.1(5)
C(8)-Mo(1)-C(2)-O(2)	9(6)	C(20)-Mo(2)-C(22)-C(23)	78.6(5)
C(10)-Mo(1)-C(2)-O(2)	-45(6)	Sn(2)-Mo(2)-C(22)-C(23)	-9.6(7)
C(9)-Mo(1)-C(2)-O(2)	-26(6)	C(21)-C(22)-C(23)-C(24)	-0.5(10)
C(11)-Mo(1)-C(2)-O(2)	-6(6)	Mo(2)-C(22)-C(23)-C(24)	-64.1(6)
Sn(1)-Mo(1)-C(2)-O(2)	98(6)	C(21)-C(22)-C(23)-Mo(2)	63.7(6)
C(1)-Mo(1)-C(3)-O(3)	77(7)	C(6)-Mo(2)-C(23)-C(22)	20.9(7)
C(2)-Mo(1)-C(3)-O(3)	152(7)	C(4)-Mo(2)-C(23)-C(22)	-119.5(6)
C(7)-Mo(1)-C(3)-O(3)	-70(7)	C(5)-Mo(2)-C(23)-C(22)	101.4(6)
C(8)-Mo(1)-C(3)-O(3)	-81(7)	C(21)-Mo(2)-C(23)-C(22)	-37.7(5)
C(10)-Mo(1)-C(3)-O(3)	-6(7)	C(24)-Mo(2)-C(23)-C(22)	-117.0(8)
C(9)-Mo(1)-C(3)-O(3)	-16(7)	C(20)-Mo(2)-C(23)-C(22)	-79.6(6)
C(11)-Mo(1)-C(3)-O(3)	-35(7)	Sn(2)-Mo(2)-C(23)-C(22)	172.6(5)
Sn(1)-Mo(1)-C(3)-O(3)	-146(7)	C(6)-Mo(2)-C(23)-C(24)	137.9(5)
C(6)-Mo(2)-C(4)-O(4)	-79(7)	C(4)-Mo(2)-C(23)-C(24)	-2.5(8)
C(5)-Mo(2)-C(4)-O(4)	-153(7)	C(5)-Mo(2)-C(23)-C(24)	-141.6(5)
C(21)-Mo(2)-C(4)-O(4)	6(7)	C(21)-Mo(2)-C(23)-C(24)	79.3(5)
C(22)-Mo(2)-C(4)-O(4)	5(7)	C(22)-Mo(2)-C(23)-C(24)	117.0(8)
C(23)-Mo(2)-C(4)-O(4)	71(7)	C(20)-Mo(2)-C(23)-C(24)	37.4(4)
C(24)-Mo(2)-C(4)-O(4)	69(7)	Sn(2)-Mo(2)-C(23)-C(24)	-70.4(5)
C(20)-Mo(2)-C(4)-O(4)	37(7)	C(22)-C(23)-C(24)-C(20)	-0.2(9)
Sn(2)-Mo(2)-C(4)-O(4)	145(7)	Mo(2)-C(23)-C(24)-C(20)	-64.1(5)
C(6)-Mo(2)-C(5)-O(5)	95(15)	C(22)-C(23)-C(24)-Mo(2)	63.9(6)
C(4)-Mo(2)-C(5)-O(5)	169(15)	C(21)-C(20)-C(24)-C(23)	0.7(8)
C(21)-Mo(2)-C(5)-O(5)	17(15)	C(19)-C(20)-C(24)-C(23)	177.7(7)
C(22)-Mo(2)-C(5)-O(5)	1(15)	Mo(2)-C(20)-C(24)-C(23)	63.6(5)
C(23)-Mo(2)-C(5)-O(5)	-33(15)	C(21)-C(20)-C(24)-Mo(2)	-62.9(5)
C(24)-Mo(2)-C(5)-O(5)	-59(15)	C(19)-C(20)-C(24)-Mo(2)	114.1(7)
C(20)-Mo(2)-C(5)-O(5)	-35(15)	C(6)-Mo(2)-C(24)-C(23)	-78.4(8)

Sn(2)-Mo(2)-C(5)-O(5)	-127(15)	C(4)-Mo(2)-C(24)-C(23)	178.5(5)
C(4)-Mo(2)-C(6)-O(6)	61(18)	C(5)-Mo(2)-C(24)-C(23)	47.1(6)
C(5)-Mo(2)-C(6)-O(6)	173(18)	C(21)-Mo(2)-C(24)-C(23)	-78.0(5)
C(21)-Mo(2)-C(6)-O(6)	-51(18)	C(22)-Mo(2)-C(24)-C(23)	-36.6(5)
C(22)-Mo(2)-C(6)-O(6)	-86(18)	C(20)-Mo(2)-C(24)-C(23)	-116.1(7)
C(23)-Mo(2)-C(6)-O(6)	-98(18)	Sn(2)-Mo(2)-C(24)-C(23)	109.0(5)
C(24)-Mo(2)-C(6)-O(6)	-51(18)	C(6)-Mo(2)-C(24)-C(20)	37.6(8)
C(20)-Mo(2)-C(6)-O(6)	-28(18)	C(4)-Mo(2)-C(24)-C(20)	-65.4(5)
Sn(2)-Mo(2)-C(6)-O(6)	120(17)	C(5)-Mo(2)-C(24)-C(20)	163.1(5)
C(1)-Mo(1)-C(7)-C(8)	99.0(7)	C(21)-Mo(2)-C(24)-C(20)	38.0(4)
C(2)-Mo(1)-C(7)-C(8)	-37.3(6)	C(22)-Mo(2)-C(24)-C(20)	79.4(5)
C(3)-Mo(1)-C(7)-C(8)	-167.5(5)	C(23)-Mo(2)-C(24)-C(20)	116.1(7)
C(10)-Mo(1)-C(7)-C(8)	78.4(5)	Sn(2)-Mo(2)-C(24)-C(20)	-134.9(4)
C(9)-Mo(1)-C(7)-C(8)	36.9(4)	S(1)-Sn(1)-C(25)-C(30)	-50.1(7)
C(11)-Mo(1)-C(7)-C(8)	116.3(6)	S(2)-Sn(1)-C(25)-C(30)	-167.6(6)
Sn(1)-Mo(1)-C(7)-C(8)	-100.3(4)	Mo(1)-Sn(1)-C(25)-C(30)	71.3(6)
C(1)-Mo(1)-C(7)-C(11)	-17.3(7)	S(1)-Sn(1)-C(25)-C(26)	134.9(6)
C(2)-Mo(1)-C(7)-C(11)	-153.6(4)	S(2)-Sn(1)-C(25)-C(26)	17.5(7)
C(3)-Mo(1)-C(7)-C(11)	76.2(4)	Mo(1)-Sn(1)-C(25)-C(26)	-103.6(6)
C(8)-Mo(1)-C(7)-C(11)	-116.3(6)	C(30)-C(25)-C(26)-C(27)	0.7(13)
C(10)-Mo(1)-C(7)-C(11)	-37.9(4)	Sn(1)-C(25)-C(26)-C(27)	175.8(7)
C(9)-Mo(1)-C(7)-C(11)	-79.4(4)	C(25)-C(26)-C(27)-C(28)	-3.0(15)
Sn(1)-Mo(1)-C(7)-C(11)	143.4(4)	C(26)-C(27)-C(28)-C(29)	4.2(17)
C(11)-C(7)-C(8)-C(9)	0.4(8)	C(27)-C(28)-C(29)-C(30)	-3.0(17)
Mo(1)-C(7)-C(8)-C(9)	-64.8(5)	C(26)-C(25)-C(30)-C(29)	0.5(13)
C(11)-C(7)-C(8)-Mo(1)	65.2(5)	Sn(1)-C(25)-C(30)-C(29)	-174.5(7)
C(1)-Mo(1)-C(8)-C(9)	-12.4(7)	C(28)-C(29)-C(30)-C(25)	0.7(16)
C(2)-Mo(1)-C(8)-C(9)	-93.7(5)	S(1)-Sn(2)-C(31)-C(32)	-96.2(7)
C(3)-Mo(1)-C(8)-C(9)	135.8(5)	S(3)-Sn(2)-C(31)-C(32)	17.2(7)
C(7)-Mo(1)-C(8)-C(9)	116.3(6)	Mo(2)-Sn(2)-C(31)-C(32)	137.7(6)
C(10)-Mo(1)-C(8)-C(9)	37.1(4)	S(1)-Sn(2)-C(31)-C(36)	81.3(7)
C(11)-Mo(1)-C(8)-C(9)	78.6(5)	S(3)-Sn(2)-C(31)-C(36)	-165.2(7)
Sn(1)-Mo(1)-C(8)-C(9)	-166.0(4)	Mo(2)-Sn(2)-C(31)-C(36)	-44.8(7)
C(1)-Mo(1)-C(8)-C(7)	-128.7(5)	C(36)-C(31)-C(32)-C(33)	-0.8(13)
C(2)-Mo(1)-C(8)-C(7)	150.0(5)	Sn(2)-C(31)-C(32)-C(33)	176.8(7)
C(3)-Mo(1)-C(8)-C(7)	19.5(7)	C(31)-C(32)-C(33)-C(34)	1.7(15)
C(10)-Mo(1)-C(8)-C(7)	-79.2(5)	C(32)-C(33)-C(34)-C(35)	-0.6(17)
C(9)-Mo(1)-C(8)-C(7)	-116.3(6)	C(33)-C(34)-C(35)-C(36)	-1.2(18)
C(11)-Mo(1)-C(8)-C(7)	-37.7(4)	C(34)-C(35)-C(36)-C(31)	2.1(18)
Sn(1)-Mo(1)-C(8)-C(7)	77.7(4)	C(32)-C(31)-C(36)-C(35)	-1.0(14)
C(7)-C(8)-C(9)-C(10)	0.3(8)	Sn(2)-C(31)-C(36)-C(35)	-178.7(8)
Mo(1)-C(8)-C(9)-C(10)	-63.5(5)	C(43)-Sn(3)-C(37)-C(42)	9.2(7)
C(7)-C(8)-C(9)-Mo(1)	63.8(5)	S(3)-Sn(3)-C(37)-C(42)	126.3(6)
C(1)-Mo(1)-C(9)-C(8)	171.4(5)	S(2)-Sn(3)-C(37)-C(42)	-112.4(6)
C(2)-Mo(1)-C(9)-C(8)	89.7(5)	C(43)-Sn(3)-C(37)-C(38)	-168.9(6)
C(3)-Mo(1)-C(9)-C(8)	-101.5(7)	S(3)-Sn(3)-C(37)-C(38)	-51.7(6)
C(7)-Mo(1)-C(9)-C(8)	-37.4(4)	S(2)-Sn(3)-C(37)-C(38)	69.6(6)
C(10)-Mo(1)-C(9)-C(8)	-116.9(7)	C(42)-C(37)-C(38)-C(39)	-1.1(11)
C(11)-Mo(1)-C(9)-C(8)	-79.7(5)	Sn(3)-C(37)-C(38)-C(39)	177.0(6)
Sn(1)-Mo(1)-C(9)-C(8)	17.0(5)	C(37)-C(38)-C(39)-C(40)	1.1(14)
C(1)-Mo(1)-C(9)-C(10)	-71.7(5)	C(38)-C(39)-C(40)-C(41)	-0.3(18)
C(2)-Mo(1)-C(9)-C(10)	-153.4(5)	C(39)-C(40)-C(41)-C(42)	-0.5(18)
C(3)-Mo(1)-C(9)-C(10)	15.4(9)	C(40)-C(41)-C(42)-C(37)	0.4(16)
C(7)-Mo(1)-C(9)-C(10)	79.5(5)	C(38)-C(37)-C(42)-C(41)	0.4(12)

C(8)-Mo(1)-C(9)-C(10)	116.9(7)	Sn(3)-C(37)-C(42)-C(41)	-177.7(7)
C(11)-Mo(1)-C(9)-C(10)	37.2(4)	C(37)-Sn(3)-C(43)-C(44)	-90.8(6)
Sn(1)-Mo(1)-C(9)-C(10)	133.9(4)	S(3)-Sn(3)-C(43)-C(44)	158.8(5)
C(8)-C(9)-C(10)-C(11)	-1.0(8)	S(2)-Sn(3)-C(43)-C(44)	23.2(6)
Mo(1)-C(9)-C(10)-C(11)	-64.3(5)	C(37)-Sn(3)-C(43)-C(48)	86.9(6)
C(8)-C(9)-C(10)-Mo(1)	63.3(5)	S(3)-Sn(3)-C(43)-C(48)	-23.5(6)
C(1)-Mo(1)-C(10)-C(9)	112.7(5)	S(2)-Sn(3)-C(43)-C(48)	-159.1(5)
C(2)-Mo(1)-C(10)-C(9)	33.9(6)	C(48)-C(43)-C(44)-C(45)	0.3(12)
C(3)-Mo(1)-C(10)-C(9)	-172.4(5)	Sn(3)-C(43)-C(44)-C(45)	177.9(6)
C(7)-Mo(1)-C(10)-C(9)	-78.0(5)	C(43)-C(44)-C(45)-C(46)	-1.3(14)
C(8)-Mo(1)-C(10)-C(9)	-36.5(4)	C(44)-C(45)-C(46)-C(47)	2.5(17)
C(11)-Mo(1)-C(10)-C(9)	-116.5(6)	C(45)-C(46)-C(47)-C(48)	-2.7(18)
Sn(1)-Mo(1)-C(10)-C(9)	-76.1(5)	C(44)-C(43)-C(48)-C(47)	-0.5(12)
C(1)-Mo(1)-C(10)-C(11)	-130.8(5)	Sn(3)-C(43)-C(48)-C(47)	-178.2(7)
C(2)-Mo(1)-C(10)-C(11)	150.4(4)	C(46)-C(47)-C(48)-C(43)	1.7(15)
C(3)-Mo(1)-C(10)-C(11)	-55.8(5)	O(9)-Cl(4)-C(49)-Cl(3)	-134.0(14)
C(7)-Mo(1)-C(10)-C(11)	38.5(4)	C(1)-Mo(1)-C(11)-C(7)	170.1(4)
C(8)-Mo(1)-C(10)-C(11)	80.0(4)	C(2)-Mo(1)-C(11)-C(7)	54.0(8)
C(9)-Mo(1)-C(10)-C(11)	116.5(6)	C(3)-Mo(1)-C(11)-C(7)	-111.7(4)
Sn(1)-Mo(1)-C(10)-C(11)	40.5(5)	C(8)-Mo(1)-C(11)-C(7)	37.0(4)
C(9)-C(10)-C(11)-C(7)	1.2(8)	C(10)-Mo(1)-C(11)-C(7)	114.8(6)
Mo(1)-C(10)-C(11)-C(7)	-63.0(4)	C(9)-Mo(1)-C(11)-C(7)	77.7(4)
C(9)-C(10)-C(11)-C(12)	179.4(6)	Sn(1)-Mo(1)-C(11)-C(7)	-39.7(4)
Mo(1)-C(10)-C(11)-C(12)	115.3(6)	C(1)-Mo(1)-C(11)-C(12)	-64.0(6)
C(9)-C(10)-C(11)-Mo(1)	64.2(5)	C(2)-Mo(1)-C(11)-C(12)	179.9(6)
C(8)-C(7)-C(11)-C(10)	-1.0(8)	C(3)-Mo(1)-C(11)-C(12)	14.2(6)
Mo(1)-C(7)-C(11)-C(10)	63.9(5)	C(7)-Mo(1)-C(11)-C(12)	125.9(8)
C(8)-C(7)-C(11)-C(12)	-179.1(6)	C(8)-Mo(1)-C(11)-C(12)	162.9(7)
Mo(1)-C(7)-C(11)-C(12)	-114.2(7)	C(10)-Mo(1)-C(11)-C(12)	-119.3(8)
C(8)-C(7)-C(11)-Mo(1)	-64.9(5)	C(9)-Mo(1)-C(11)-C(12)	-156.4(7)
C(1)-Mo(1)-C(11)-C(10)	55.3(5)	Sn(1)-Mo(1)-C(11)-C(12)	86.2(6)
C(2)-Mo(1)-C(11)-C(10)	-60.8(8)	C(10)-C(11)-C(12)-O(7)	2.2(11)
C(3)-Mo(1)-C(11)-C(10)	133.5(4)	C(7)-C(11)-C(12)-O(7)	-180.0(7)
C(7)-Mo(1)-C(11)-C(10)	-114.8(6)	Mo(1)-C(11)-C(12)-O(7)	90.3(8)
C(8)-Mo(1)-C(11)-C(10)	-77.8(4)	C(10)-C(11)-C(12)-C(13)	-174.3(6)
C(9)-Mo(1)-C(11)-C(10)	-37.1(4)	C(7)-C(11)-C(12)-C(13)	3.6(11)
Sn(1)-Mo(1)-C(11)-C(10)	-154.5(4)	Mo(1)-C(11)-C(12)-C(13)	-86.2(7)
O(7)-C(12)-C(13)-C(18)	-48.1(10)	O(7)-C(12)-C(13)-C(14)	129.6(8)
C(11)-C(12)-C(13)-C(14)	-54.0(9)		