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Table I Atomic coordinates ($\times 10^4$) and equivalent isotropic displacement parameters ($\text{\AA}^2 \times 10^3$) for $\text{C}_{34}\text{H}_{39}\text{CoO}$ (**13b**).

atom	x	y	z	$\hat{U}(\text{eq})^b$
Co	350(1)	2860(1)	9260(1)	22(1)
O	-2248(3)	3443(2)	7535(2)	29(1)
C(1)	59(4)	2054(2)	8401(3)	24(1)
C(2)	645(4)	1884(2)	9386(3)	26(1)
C(3)	1922(4)	2227(2)	9277(3)	26(1)
C(4)	1344(4)	2403(2)	8282(3)	25(1)
C(5)	1980(5)	2666(2)	7462(3)	36(1)
C(6)	3165(5)	3149(3)	7763(4)	43(1)
C(7)	4379(5)	2882(3)	8477(4)	50(1)
C(8)	4177(5)	2865(3)	9540(4)	46(1)
C(9)	3331(4)	2277(2)	9838(4)	37(1)
C(10)	-1171(4)	1794(2)	7737(3)	31(1)
C(11)	-2411(5)	1635(3)	8249(3)	38(1)
C(12)	-2127(6)	1115(3)	9058(3)	45(1)
C(13)	-1399(5)	1364(3)	10033(3)	39(1)
C(14)	167(5)	1427(2)	10120(3)	35(1)
C(15)	-1355(4)	3318(2)	9699(3)	27(1)
C(16)	-313(4)	3211(2)	10509(3)	31(1)
C(17)	882(5)	3558(2)	10354(3)	30(1)
C(18)	590(4)	3890(2)	9436(3)	26(1)
C(19)	-797(4)	3740(2)	9028(3)	23(1)
C(20)	-1626(4)	4000(2)	8093(3)	23(1)
C(21)	-694(4)	4395(2)	7499(3)	24(1)
C(22)	-264(4)	5045(2)	7741(3)	36(1)
C(23)	625(4)	5380(2)	7216(4)	41(1)
C(24)	1103(4)	5080(2)	6430(3)	36(1)
C(25)	659(5)	4445(3)	6188(3)	42(1)
C(26)	-237(4)	4107(2)	6707(3)	33(1)
C(27)	2073(6)	5440(3)	5858(5)	55(2)
C(28)	-2814(4)	4449(2)	8303(3)	23(1)
C(29)	-2712(4)	4844(2)	9120(3)	30(1)
C(30)	-3774(4)	5271(2)	9272(3)	34(1)
C(31)	-4985(4)	5311(2)	8629(3)	34(1)
C(32)	-5102(5)	4899(2)	7822(4)	42(1)
C(33)	-4033(4)	4477(2)	7644(3)	36(1)
C(34)	-6134(5)	5782(3)	8786(5)	50(1)

^b Equivalent isotropic U defined as one third of the trace of the orthogonalized U_{ij} tensor.

Table IIa Atomic coordinates ($\times 10^4$) and equivalent isotropic displacement parameters ($\text{\AA}^2 \times 10^3$) for $\text{C}_{34}\text{H}_{38}\text{BCoF}_4$ (**14b**).

atom	x	y	z	$\bar{U}(\text{eq})^b$
Co(1)	4576(1)	4305(1)	2578(1)	26(1)
C(1)	5245(5)	3794(5)	1603(4)	29(2)
C(2)	5280(5)	3201(5)	2328(4)	30(2)
C(3)	5927(5)	3983(5)	2826(4)	30(2)
C(4)	5905(5)	4599(5)	2107(4)	29(2)
C(5)	6579(5)	5483(5)	1884(5)	38(2)
C(6)	6985(5)	6199(6)	2660(5)	42(2)
C(7)	7558(5)	5770(6)	3401(5)	47(2)
C(8)	6915(5)	5122(6)	4003(5)	44(2)
C(9)	6563(5)	4092(6)	3677(4)	37(2)
C(10)	4875(5)	3602(5)	664(4)	35(2)
C(11)	3966(5)	2795(5)	520(4)	39(2)
C(12)	4116(6)	1820(6)	867(5)	45(2)
C(13)	4010(5)	1698(6)	1839(5)	40(2)
C(14)	4941(5)	2150(5)	2441(5)	37(2)
C(15)	3062(4)	3931(5)	2633(4)	29(2)
C(16)	3521(5)	3734(5)	3430(4)	34(2)
C(17)	4080(5)	4625(5)	3799(4)	34(2)
C(18)	4002(4)	5361(5)	3247(4)	29(2)
C(19)	3320(4)	4948(5)	2487(4)	28(1)
C(20)	3097(4)	5408(5)	1716(4)	29(2)
C(21)	3577(5)	6365(5)	1515(4)	28(2)
C(22)	4576(5)	6735(5)	1794(4)	31(2)
C(23)	4997(5)	7677(5)	1649(4)	38(2)
C(24)	4473(6)	8302(5)	1224(4)	38(2)
C(25)	3498(5)	7924(6)	912(5)	39(2)
C(26)	3064(5)	6999(5)	1051(5)	36(2)
C(27)	4918(6)	9323(6)	1109(5)	50(2)
C(28)	2248(4)	4902(5)	1119(4)	28(2)
C(29)	1393(5)	4403(5)	1440(4)	29(2)
C(30)	1583(5)	3971(5)	880(4)	31(2)
C(31)	624(5)	4020(5)	-17(4)	30(2)
C(32)	1454(5)	4517(6)	-334(4)	39(2)
C(33)	2269(5)	4963(5)	211(4)	35(2)
C(34)	-260(5)	3530(6)	-623(5)	41(2)
B(1)	7826(9)	2688(9)	1587(8)	65(3)
F(1)	7328(18)	3410(16)	1214(13)	68(6)
F(2)	8555(11)	2470(12)	1193(11)	37(3)
F(3)	7122(17)	1755(17)	1636(17)	108(7)

F(4)	8199(16)	3142(17)	2376(14)	107(7)
F(1A)	7751(23)	3394(25)	1102(21)	121(11)
F(2A)	8565(13)	2098(15)	1294(12)	51(5)
F(3A)	6920(22)	1951(22)	1326(20)	109(10)
F(4A)	7926(16)	2657(16)	2451(12)	52(5)
F(1B)	7141(18)	3071(18)	1063(15)	68(7)
F(2B)	8345(20)	2402(23)	892(17)	93(10)
F(3B)	7411(15)	2276(14)	2192(13)	59(5)
F(4B)	8546(14)	3716(14)	2061(12)	68(5)

^b Equivalent isotropic U defined as one third of the trace of the orthogonalized U_{ij} tensor.

Table IIb Atomic coordinates ($\times 10^4$) and equivalent isotropic displacement parameters ($\text{\AA}^2 \times 10^3$) for $\text{C}_{34}\text{H}_{38}\text{BCoF}_4$ (**14b**^c).

atom	x	y	z	$\hat{U}(\text{eq})^b$
Co(2)	2324(1)	9003(1)	4002(1)	29(1)
C(101)	1558(5)	8981(5)	5059(4)	28(2)
C(102)	2378(5)	8472(5)	5212(4)	31(2)
C(103)	1935(5)	7719(5)	4545(4)	31(2)
C(104)	1113(5)	8227(5)	4392(4)	28(2)
C(105)	124(5)	7949(5)	3877(4)	30(2)
C(106)	135(5)	7277(5)	3075(4)	35(2)
C(107)	490(5)	6328(6)	3244(5)	41(2)
C(108)	1630(6)	6375(6)	3367(5)	41(2)
C(109)	2117(5)	6772(5)	4251(5)	36(2)
C(110)	1229(5)	9754(5)	5572(4)	34(2)
C(111)	2053(5)	10467(5)	6090(4)	36(2)
C(112)	2734(5)	9998(6)	6723(4)	41(2)
C(113)	3536(5)	9573(5)	6308(5)	38(2)
C(114)	3215(5)	8565(6)	5898(4)	37(2)
C(115)	3194(4)	10280(5)	3635(4)	33(2)
C(116)	3789(5)	9581(6)	3750(5)	38(2)
C(117)	3409(5)	8750(7)	3180(5)	45(2)
C(118)	2568(5)	8925(6)	2699(4)	38(2)
C(119)	2402(5)	9893(5)	2956(4)	31(2)
C(120)	1523(5)	10257(5)	2740(4)	31(2)
C(121)	823(5)	9727(5)	2012(4)	32(2)
C(122)	1154(5)	9454(5)	1226(4)	37(2)
C(123)	469(6)	9006(6)	550(5)	42(2)
C(124)	-540(6)	8809(6)	660(5)	42(2)
C(125)	-865(5)	9073(5)	1445(5)	41(2)
C(126)	-188(5)	9543(5)	2111(5)	37(2)
C(127)	-1289(7)	8316(6)	-75(6)	63(3)

F(4)	8199(16)	3142(17)	2376(14)	107(7)
F(1A)	7751(23)	3394(25)	1102(21)	121(11)
F(2A)	8565(13)	2098(15)	1294(12)	51(5)
F(3A)	6920(22)	1951(22)	1326(20)	109(10)
F(4A)	7926(16)	2657(16)	2451(12)	52(5)
F(1B)	7141(18)	3071(18)	1063(15)	68(7)
F(2B)	8345(20)	2402(23)	892(17)	93(10)
F(3B)	7411(15)	2276(14)	2192(13)	59(5)
F(4B)	8546(14)	3716(14)	2061(12)	68(5)

^b Equivalent isotropic U defined as one third of the trace of the orthogonalized U_{ij} tensor.

Table IIb Atomic coordinates ($\times 10^4$) and equivalent isotropic displacement parameters

(Å ² $\times 10^3$) for C ₃₄ H ₃₈ BCoF ₄ (14b ^c).				
atom	x	y	z	$\hat{U}(\text{eq})^b$
Co(2)	2324(1)	9003(1)	4002(1)	29(1)
C(101)	1558(5)	8981(5)	5059(4)	28(2)
C(102)	2378(5)	8472(5)	5212(4)	31(2)
C(103)	1935(5)	7719(5)	4545(4)	31(2)
C(104)	1113(5)	8227(5)	4392(4)	28(2)
C(105)	124(5)	7949(5)	3877(4)	30(2)
C(106)	135(5)	7277(5)	3075(4)	35(2)
C(107)	490(5)	6328(6)	3244(5)	41(2)
C(108)	1630(6)	6375(6)	3367(5)	41(2)
C(109)	2117(5)	6772(5)	4251(5)	36(2)
C(110)	1229(5)	9754(5)	5572(4)	34(2)
C(111)	2053(5)	10467(5)	6090(4)	36(2)
C(112)	2734(5)	9998(6)	6723(4)	41(2)
C(113)	3536(5)	9573(5)	6308(5)	38(2)
C(114)	3215(5)	8565(6)	5898(4)	37(2)
C(115)	3194(4)	10280(5)	3635(4)	33(2)
C(116)	3789(5)	9581(6)	3750(5)	38(2)
C(117)	3409(5)	8750(7)	3180(5)	45(2)
C(118)	2568(5)	8925(6)	2699(4)	38(2)
C(119)	2402(5)	9893(5)	2956(4)	31(2)
C(120)	1523(5)	10257(5)	2740(4)	31(2)
C(121)	823(5)	9727(5)	2012(4)	32(2)
C(122)	1154(5)	9454(5)	1226(4)	37(2)
C(123)	469(6)	9006(6)	550(5)	42(2)
C(124)	-540(6)	8809(6)	660(5)	42(2)
C(125)	-865(5)	9073(5)	1445(5)	41(2)
C(126)	-188(5)	9543(5)	2111(5)	37(2)
C(127)	-1289(7)	8316(6)	-75(6)	63(3)

C(128)	1260(5)	11134(5)	3101(4)	31(2)
C(129)	1607(5)	11534(5)	3949(4)	34(2)
C(130)	1364(5)	12374(5)	4251(5)	38(2)
C(131)	742(6)	12880(5)	3771(5)	39(2)
C(132)	382(6)	12479(6)	2942(5)	43(2)
C(133)	630(5)	11642(5)	2609(5)	37(2)
C(134)	442(7)	13782(6)	4114(6)	61(2)
B(2)	5530(6)	7611(6)	4570(5)	30(2)
F(21)	5496(10)	7735(10)	3667(9)	51(4)
F(22)	6489(7)	7645(7)	4890(7)	40(3)
F(23)	5045(8)	6682(8)	4803(7)	44(3)
F(24)	5419(11)	8304(11)	5128(10)	81(5)
F(21A)	5235(10)	7671(10)	3724(9)	58(4)
F(22A)	6539(9)	7444(9)	4633(8)	63(4)
F(23A)	4841(9)	6927(9)	4852(8)	57(4)
F(24A)	5300(8)	8508(8)	4933(7)	45(3)

^b Equivalent isotropic U defined as one third of the trace of the orthogonalized $\mathbf{U}_{ij}$ tensor.