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Positional parameters and B(eq) for $Cu_4(OC_6H_4CH_2CHCH_2)_4$ (1).

atom	x	y	z	B(eq)
Cu(1)	0.91226(9)	0.30218(7)	0.0368(1)	4.56(7)
O(1)	0.9306(3)	0.1929(3)	0.0338(5)	2.1(3)
C(1)	0.9094(5)	0.1466(5)	-0.0665(7)	2.2(4)
C(2)	0.8790(5)	0.1750(5)	-0.1819(8)	2.7(4)
C(3)	0.8573(5)	0.1255(5)	-0.2807(8)	2.5(4)
C(4)	0.8678(5)	0.0493(5)	-0.269(1)	3.3(5)
C(5)	0.8989(7)	0.0213(6)	-0.155(1)	4.8(6)
C(6)	0.9199(6)	0.0696(5)	-0.054(1)	3.9(5)
C(7A)	0.886(1)	0.259(1)	-0.215(2)	3.0(4)
C(7B)	0.840(1)	0.256(1)	-0.185(2)	2.1(3)
C(8A)	0.839(1)	0.304(1)	-0.122(2)	3.7(4)
C(8B)	0.901(1)	0.318(1)	-0.159(2)	2.2(3)
C(9)	0.8715(8)	0.3805(6)	-0.089(1)	5.7(6)
H(1)	0.8348	0.1450	-0.3583	3.0
H(2)	0.8529	0.0162	-0.3370	4.0
H(3)	0.9078	-0.0316	-0.1470	5.7
H(4)	0.9409	0.0494	0.0240	4.7
H(5)	0.9103	0.4201	-0.0918	7.0
H(6)	0.8234	0.4051	-0.0417	7.0

U values for $Cu_4(OC_6H_4CH_2CHCH_2)_4$, (1).

ATOM	U11	U22	U33	U12	U13	U23
Cu(1)	0.104(1)	0.0355(7)	0.0334(7)	0.0233(7)	-0.0294(7)	-0.0126(6)
O(1)	0.039(4)	0.026(3)	0.017(3)	-0.004(3)	-0.008(3)	0.002(3)
C(1)	0.029(5)	0.034(5)	0.020(4)	0.003(4)	0.003(4)	-0.006(4)
C(2)	0.046(6)	0.026(5)	0.029(5)	-0.005(4)	-0.010(4)	0.002(4)
C(3)	0.037(5)	0.034(5)	0.026(5)	0.000(4)	-0.006(4)	-0.001(4)
C(4)	0.050(6)	0.040(6)	0.037(6)	-0.004(5)	0.005(5)	-0.017(5)
C(5)	0.10(1)	0.029(6)	0.051(7)	0.010(6)	-0.014(7)	-0.002(5)
C(6)	0.082(8)	0.032(6)	0.034(6)	0.020(6)	-0.027(5)	-0.005(5)
C(7A)	0.038(5)					
C(7B)	0.026(4)					
C(8A)	0.047(5)					
C(8B)	0.028(4)					
C(9)	0.13(1)	0.041(6)	0.043(6)	0.029(7)	-0.043(7)	-0.011(5)
H(1)	0.0385					
H(2)	0.0509					
H(3)	0.0719					
H(4)	0.0595					
H(5)	0.0885					
H(6)	0.0885					

Positional parameters and B(eq) for
hexameric 2-methyl-3-buten-2-oxocopper(I), (2).

atom	x	y	z	B(eq)
Cu(1)	0.03222(6)	0.13523(6)	0.05986(4)	1.61(3)
O(1)	0.0032(3)	0.1389(3)	-0.0405(2)	1.7(2)
C(1)	0.0608(5)	0.2113(5)	-0.0829(4)	2.0(3)
C(2)	0.0991(6)	0.2941(5)	-0.0380(4)	2.8(4)
C(3)	0.0097(5)	0.2220(5)	-0.1439(5)	2.7(3)
C(4)	0.1326(5)	0.1986(6)	-0.1120(4)	2.5(3)
C(5)	0.1230(6)	0.1352(7)	-0.1575(5)	2.9(4)
H(2A)	0.1296	0.2886	0.0010	3.4
H(2B)	0.1379	0.3426	-0.0659	3.4
H(2C)	0.0535	0.3026	-0.0212	3.4
H(3A)	0.0481	0.2704	-0.1720	3.3
H(3B)	-0.0159	0.1710	-0.1720	3.3
H(3C)	-0.0345	0.2314	-0.1252	3.3
H(4)	0.183(5)	0.239(5)	-0.108(4)	3.0(6)
H(5A)	0.167(6)	0.136(7)	-0.179(5)	5.3(4)
H(5B)	0.071(5)	0.094(5)	-0.173(4)	1.9(5)

U values for hexameric 2-methyl-3-buten-2-oxocopper(I), (2).

atom	U11	U22	U33	U12	U13	U23
Cu(1)	0.0179(6)	0.0214(6)	0.0212(5)	0.0092(5)	-0.0002(4)	-0.0040(5)
O(1)	0.015(3)	0.019(3)	0.024(3)	0.005(2)	-0.001(2)	0.007(2)
C(1)	0.022(5)	0.021(4)	0.032(5)	0.011(4)	-0.000(4)	0.006(4)
C(2)	0.039(6)	0.016(5)	0.051(6)	0.014(4)	-0.004(5)	-0.002(4)
C(3)	0.028(5)	0.028(5)	0.043(5)	0.010(4)	-0.004(4)	0.009(4)
C(4)	0.023(5)	0.036(5)	0.031(5)	0.013(4)	0.009(4)	0.019(5)
C(5)	0.044(6)	0.051(7)	0.029(5)	0.034(6)	0.011(4)	0.013(5)
H(2A)	0.0425					
H(2B)	0.0425					
H(2C)	0.0425					
H(3A)	0.0416					
H(3B)	0.0416					
H(3C)	0.0416					
H(4)	0.038(8)					
H(5A)	0.067(5)					
H(5B)	0.025(7)					