Crystal structure of tetra(methanol-*O*)-bis(4-biphenylcarboxylato)-manganese(II), $\text{Mn}(\text{CH}_3\text{OH})_4(\text{C}_{13}\text{H}_9\text{O}_2)_2$

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Table 2. Continued.

Atom	Site	x	y	z	U _{iso}
H(7A)	4e	0.2794	0.7708	0.3032	0.061
H(9A)	4e	−0.0675	0.5004	0.1592	0.076
H(10A)	4e	−0.2144	0.5057	0.2118	0.091
H(11A)	4e	−0.2371	0.6214	0.4069	0.094
H(12A)	4e	−0.1126	0.7323	0.5505	0.095
H(13A)	4e	0.0345	0.7273	0.5014	0.079
H(14A)	4e	0.6223	0.3980	0.4555	0.127

Table 2. Continued.

Atom	Site	x	y	z	U _{iso}
H(14B)	4e	0.5280	0.4694	0.3980	0.127
H(14C)	4e	0.6268	0.5196	0.3932	0.127
H(15A)	4e	0.6421	0.7927	0.1339	0.105
H(15B)	4e	0.5844	0.7656	−0.0443	0.105
H(15C)	4e	0.6791	0.7000	0.0399	0.105
H(1)	4e	0.575(2)	0.3359(9)	0.228(3)	0.08(1)
H(2)	4e	0.522(2)	0.683(3)	0.151(4)	0.10(1)

Table 3. Atomic coordinates and displacement parameters (in Å²).

Atom	Site	x	y	z	U ₁₁	U ₂₂	U ₃₃	U ₁₂	U ₁₃	U ₂₃
Mn(1)	2d	½	½	0	0.0476(3)	0.0299(3)	0.0438(3)	−0.0004(3)	0.0172(2)	−0.0010(3)
O(1)	4e	0.3811(1)	0.5360(2)	0.0902(2)	0.053(1)	0.046(1)	0.064(1)	−0.0066(9)	0.027(1)	−0.016(1)
O(2)	4e	0.4211(1)	0.6976(2)	0.2149(2)	0.054(1)	0.044(1)	0.089(2)	−0.012(1)	0.030(1)	−0.024(1)
O(3)	4e	0.5728(2)	0.4126(2)	0.2240(2)	0.087(2)	0.039(1)	0.048(1)	0.010(1)	0.016(1)	0.007(1)
O(4)	4e	0.5686(1)	0.6546(2)	0.1094(2)	0.062(1)	0.039(1)	0.072(1)	−0.010(1)	0.032(1)	−0.008(1)
C(1)	4e	0.3643(2)	0.6174(2)	0.1692(3)	0.047(2)	0.039(2)	0.038(1)	0.003(1)	0.010(1)	0.002(1)
C(2)	4e	0.2707(2)	0.6163(2)	0.2100(3)	0.042(1)	0.038(2)	0.034(1)	0.002(1)	0.009(1)	−0.002(1)
C(3)	4e	0.2119(2)	0.5234(2)	0.1811(3)	0.059(2)	0.043(2)	0.054(2)	−0.003(1)	0.023(1)	−0.014(1)
C(4)	4e	0.1262(2)	0.5212(2)	0.2195(3)	0.055(2)	0.046(2)	0.065(2)	−0.015(1)	0.024(1)	−0.014(2)
C(5)	4e	0.0944(2)	0.6134(2)	0.2875(3)	0.046(2)	0.047(2)	0.037(1)	0.000(1)	0.010(1)	−0.001(1)
C(6)	4e	0.1543(2)	0.7059(2)	0.3173(3)	0.050(2)	0.045(2)	0.060(2)	0.001(1)	0.018(1)	−0.014(2)
C(7)	4e	0.2408(2)	0.7076(2)	0.2804(3)	0.047(2)	0.046(2)	0.061(2)	−0.005(1)	0.018(1)	−0.012(2)
C(8)	4e	0.0005(2)	0.6137(2)	0.3242(3)	0.044(2)	0.052(2)	0.043(2)	−0.000(1)	0.009(1)	0.000(1)
C(9)	4e	−0.0758(2)	0.5475(3)	0.2388(4)	0.060(2)	0.066(2)	0.068(2)	−0.004(2)	0.023(2)	−0.011(2)
C(10)	4e	−0.1642(2)	0.5507(3)	0.2702(4)	0.053(2)	0.083(2)	0.094(3)	−0.013(2)	0.023(2)	−0.013(2)
C(11)	4e	−0.1778(2)	0.6193(3)	0.3861(4)	0.056(2)	0.095(3)	0.094(3)	0.001(2)	0.037(2)	−0.006(2)
C(12)	4e	−0.1035(2)	0.6852(3)	0.4715(4)	0.067(2)	0.102(3)	0.080(2)	−0.001(2)	0.037(2)	−0.025(2)
C(13)	4e	−0.0152(2)	0.6823(3)	0.4416(4)	0.052(2)	0.085(3)	0.063(2)	−0.007(2)	0.022(2)	−0.019(2)
C(14)	4e	0.5887(3)	0.4531(3)	0.3799(4)	0.134(3)	0.061(2)	0.053(2)	−0.003(2)	0.016(2)	0.001(2)
C(15)	4e	0.6229(2)	0.7346(3)	0.0554(4)	0.066(2)	0.053(2)	0.091(2)	−0.012(2)	0.023(2)	0.009(2)

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