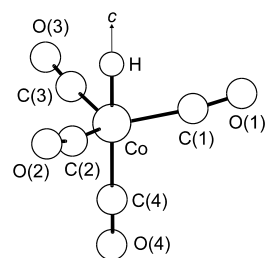


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MW**C₄HCoO₄****Tetracarbonylhidrocobalt****C_{3v}**
HCo(CO)₄

r_0	Å ^{a)}	θ_0	deg ^{a)}
H–Co	1.516(20)	H–Co–C(1)	81.4(15)
Co–C(1)	1.799(12)	Co–C(1)≡O(1)	177.9(37) ^{b)}
Co–C(4)	1.812(26)		
C≡O(1)	1.141(11)		
C≡O(4)	1.141(12)		

Atom	a_0 [Å]	b_0 [Å]	c_0 [Å]
H	0.0	0.0	1.717
Co	0.0	0.0	0.201
C(1)	1.778	0.0	0.471
C(2)	–0.889	1.540	0.471
C(3)	–0.889	–1.540	0.471
O(1)	2.899	0.0	0.683
O(2)	–1.449	2.510	0.683
O(3)	–1.449	–2.510	0.683
C(4)	0.0	0.0	–1.611
O(4)	0.0	0.0	–2.752

^{a)} Twice the estimated standard errors.^{b)} Bent towards the H atom.Kukolich, S.G., Sickafoose, S.M.: J. Chem. Phys. **105** (1996) 3466.[II/25C \(3, 1494\)](#)