9 **CAuClO** **Cabonylchlorogold** $C_{\infty v}$

MW Cl–Au–C=O

r_0	Å [a])
C=O	1.132(2)
C–Au	1.884(2)
Au–Cl	2.2172(6)

r_s	Å [b])
C=O	1.1323(5)
C–Au	1.8829(5)
Au–Cl	2.2155(5)

$r_{I\varepsilon}$	Å [a]) [c])
C=O	1.1323(1)
C–Au	1.8827(1)
Au–Cl	2.21549(6)

$r_m^{(1)}$	Å [a]) [d])
C=O	1.1317(1)
C–Au	1.8817(1)
Au–Cl	2.21427(9)

$r_m^{(2)}$	Å [a]) [e])
C=O	1.126501(8)
C–Au	1.88593(6)
Au–Cl	2.212489(3)

The C=O bond is close to that of free CO, plus a relatively long Au–C bond.

[a]) Estimated standard errors.
[b]) Uncertainties were not estimated in the original paper.
[c]) $\varepsilon_0 = 0.401(12)$ u Å^2 assumed.
[d]) $c = 0.0418(12)$ u^{½} Å assumed.
[e]) $c = 0.15418(18)$ u^{½} Å and $d = 0.46909(74)$ u^{½} Å^2 assumed.

Evans, C.J., Reynard, L.M., Gerry, M.C.L.: Inorg. Chem. **40** (2001) 6123.