

[O-Isopropyl-N-(4-nitrophenyl)thiocarbamato- κ S]- (tri-*p*-tolylphosphine- κ P)gold(I)

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SUPPLEMENTARY MATERIALS

Contents:

- Figure S1.** ¹H NMR spectrum of (4-tolyl)₃PAu[SC(O-*i*-Pr)=NC₆H₄NO₂-4] (**1**).
- Figure S2.** ¹³C{¹H} NMR spectrum of (4-tolyl)₃PAu[SC(O-*i*-Pr)=NC₆H₄NO₂-4] (**1**).
- Figure S3.** ³¹P{¹H} NMR spectrum of (4-tolyl)₃PAu[SC(O-*i*-Pr)=NC₆H₄NO₂-4] (**1**).
- Figure S4.** IR spectrum of (4-tolyl)₃PAu[SC(O-*i*-Pr)=NC₆H₄NO₂-4] (**1**).
- Figure S5.** UV-vis spectrum of (4-tolyl)₃PAu[SC(O-*i*-Pr)=NC₆H₄NO₂-4] (**1**).

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MAu1

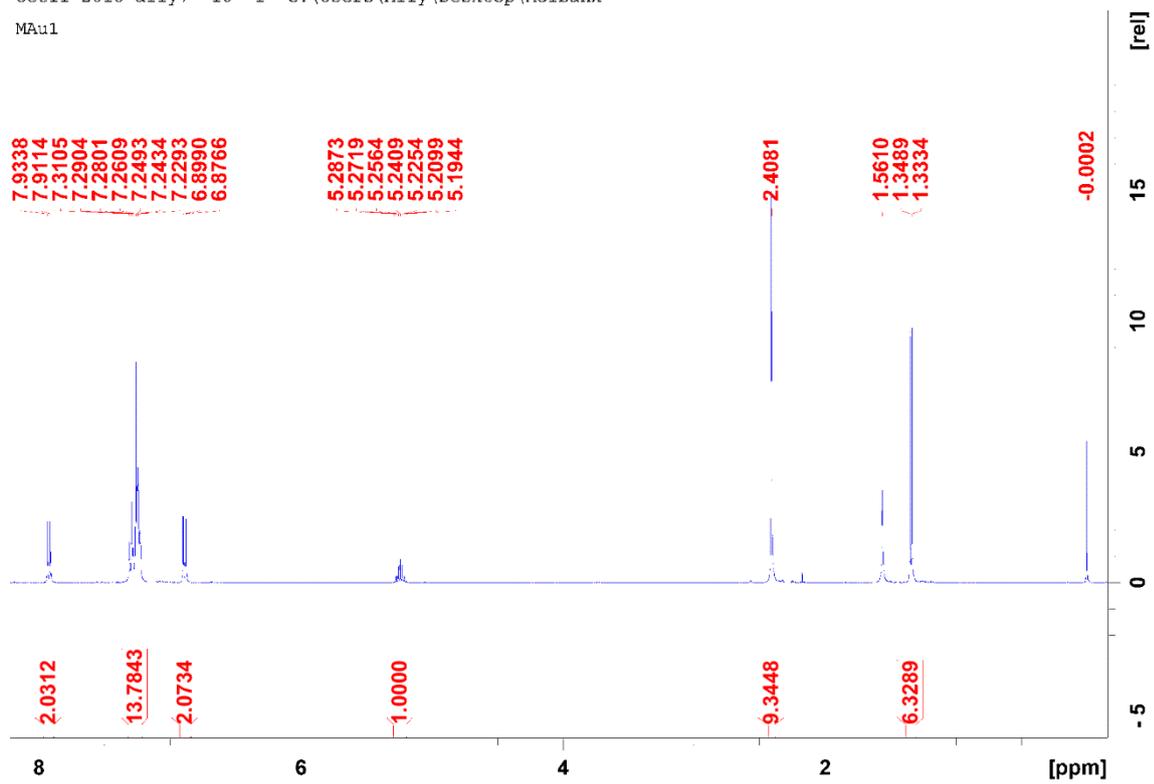


Figure S1. ¹H NMR spectrum of (4-tolyl)₃PAu[SC(O-*i*-Pr)=NC₆H₄NO₂-4] (1).

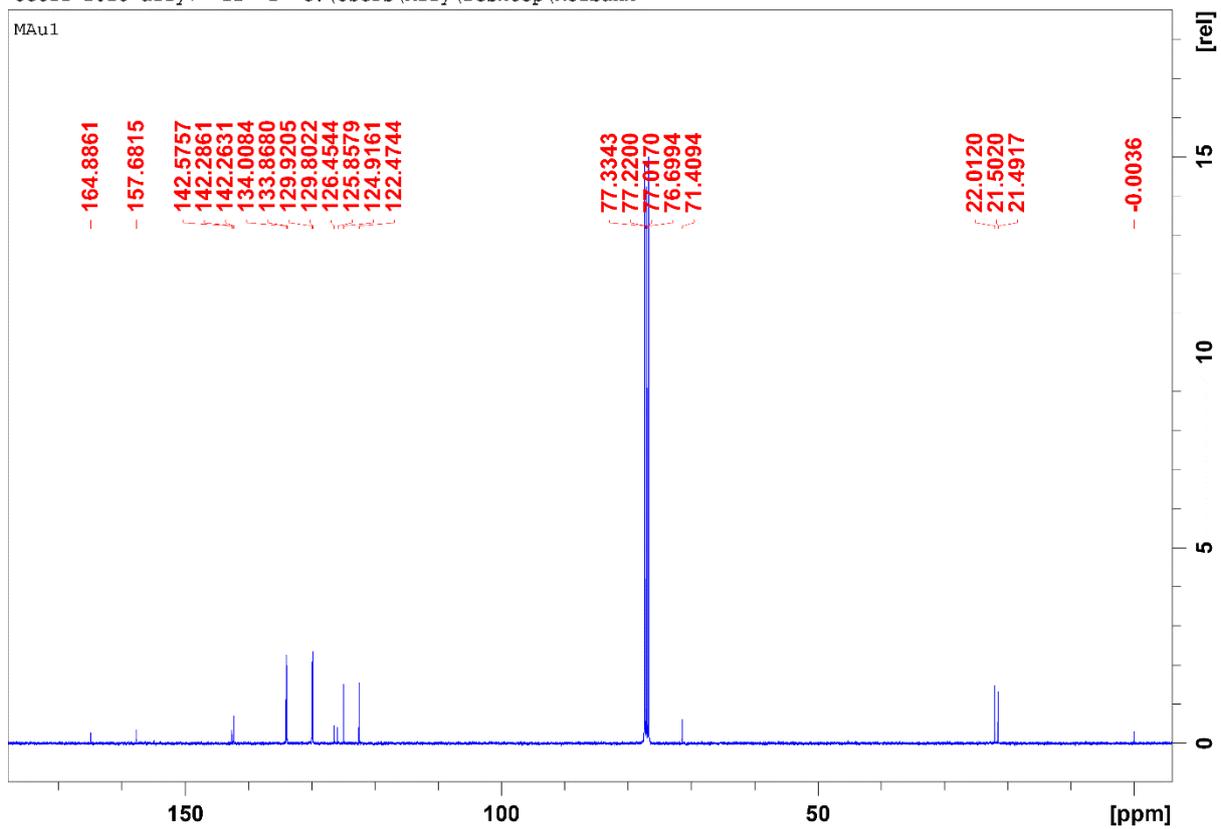


Figure S2. $^{13}\text{C}\{^1\text{H}\}$ NMR spectrum of $(4\text{-tolyl})_3\text{PAu}[\text{SC}(\text{O-}i\text{-Pr})=\text{NC}_6\text{H}_4\text{NO}_2\text{-4}]$ (**1**).

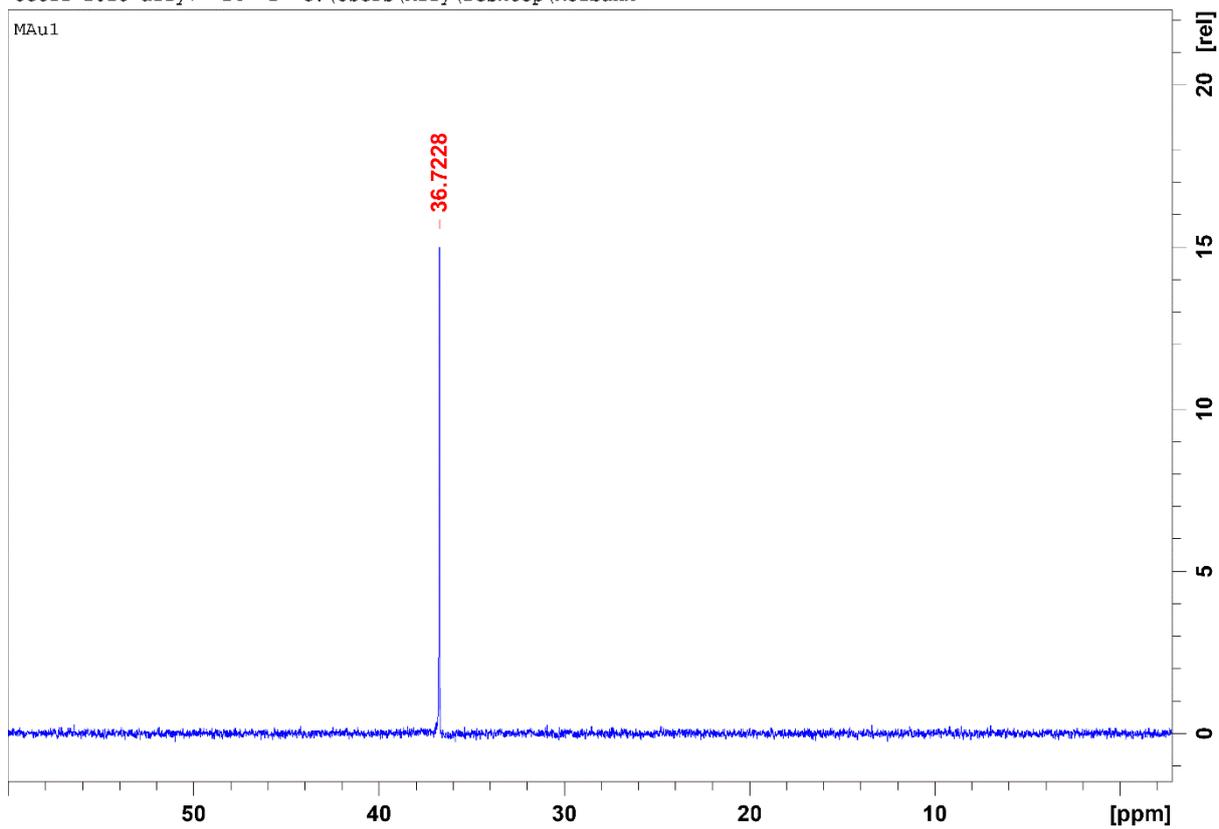


Figure S3. $^{31}\text{P}\{^1\text{H}\}$ NMR spectrum of $(4\text{-tolyl})_3\text{PAu}[\text{SC}(\text{O-}i\text{-Pr})=\text{NC}_6\text{H}_4\text{NO}_2\text{-4}]$ (1).

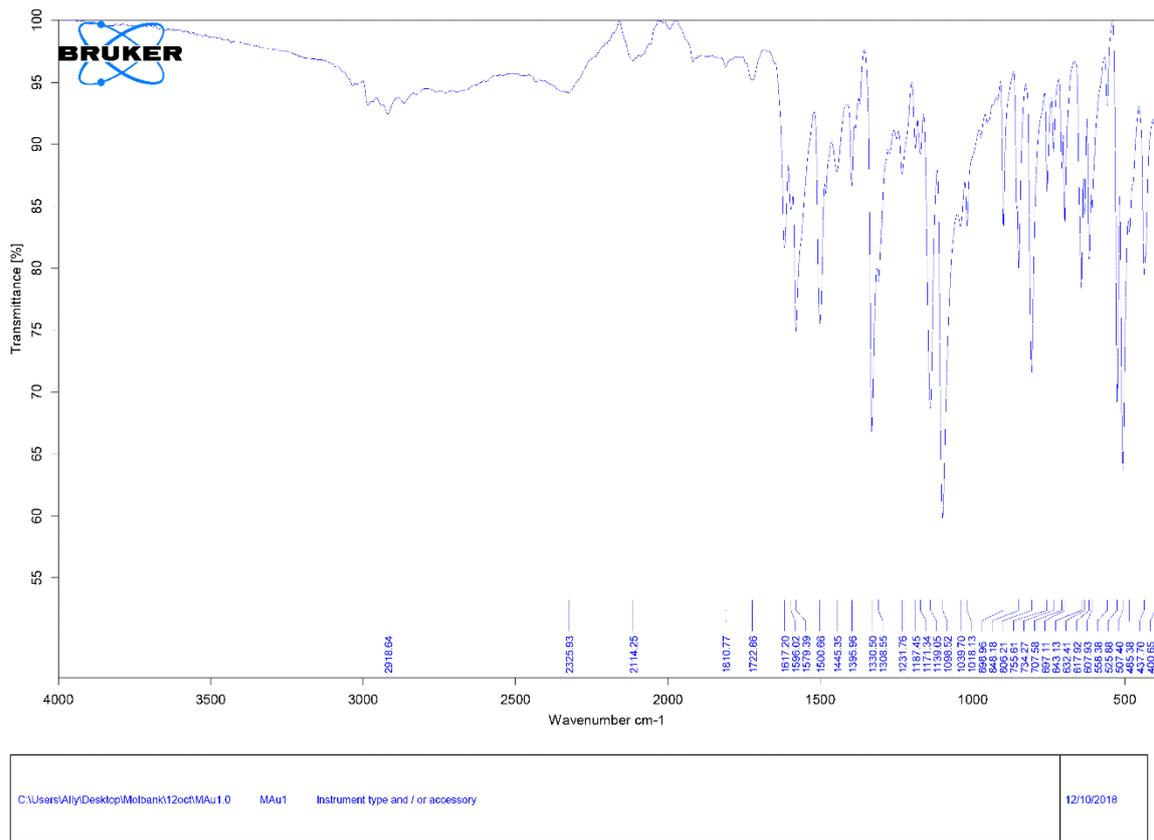
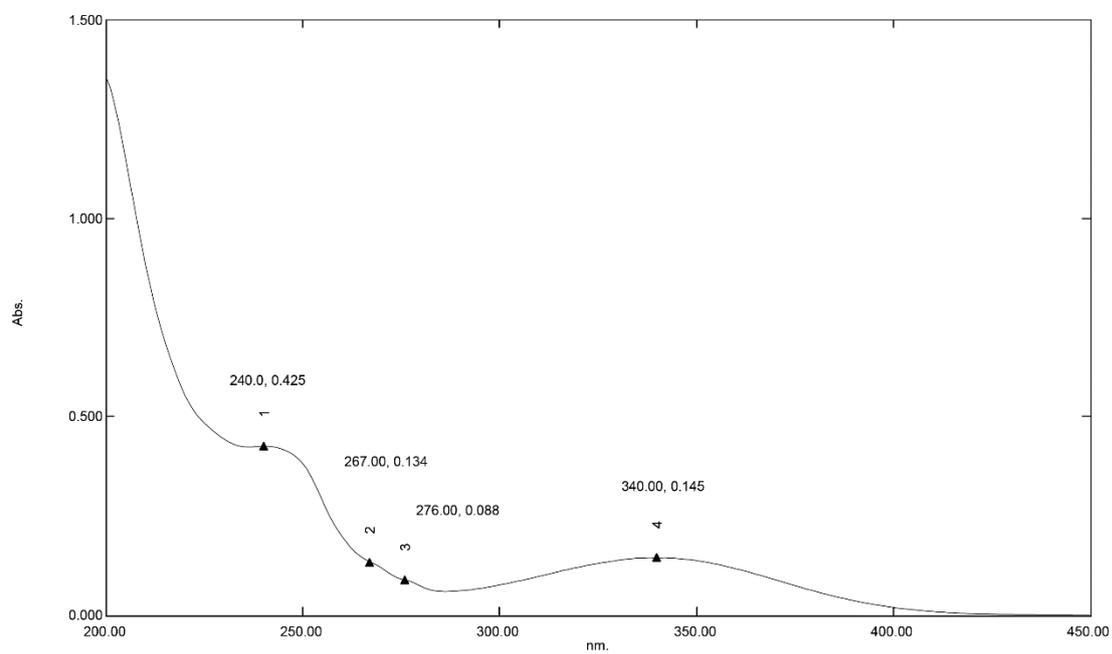


Figure S4. IR spectrum of (4-tolyl)₃PAu[SC(O-*i*-Pr)=NC₆H₄NO₂-4] (**1**).

Data Set: MAu1.spc - RawData



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Figure S5. UV-vis spectrum of (4-tolyl)₃PAu[SC(O-*i*-Pr)=NC₆H₄NO₂-4] (**1**).