

Electronic Supporting Information

## Synthesis and characterization of bis(amine)palladium(II) carboxylate complexes as precursors of palladium nanoparticles

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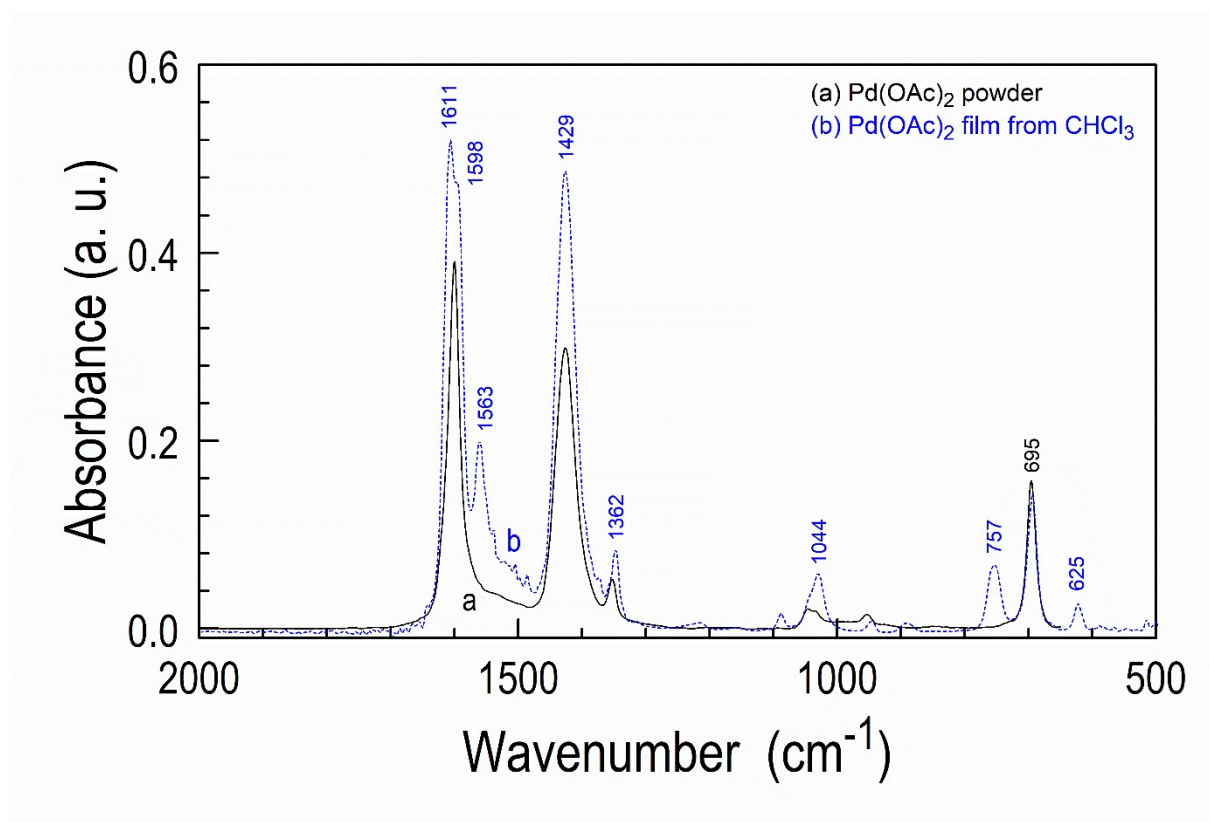


Fig. S1. FTIR spectra of PdOAc<sub>2</sub> solid samples: original powder (a), and thin film poured from CHCl<sub>3</sub> solution (b).

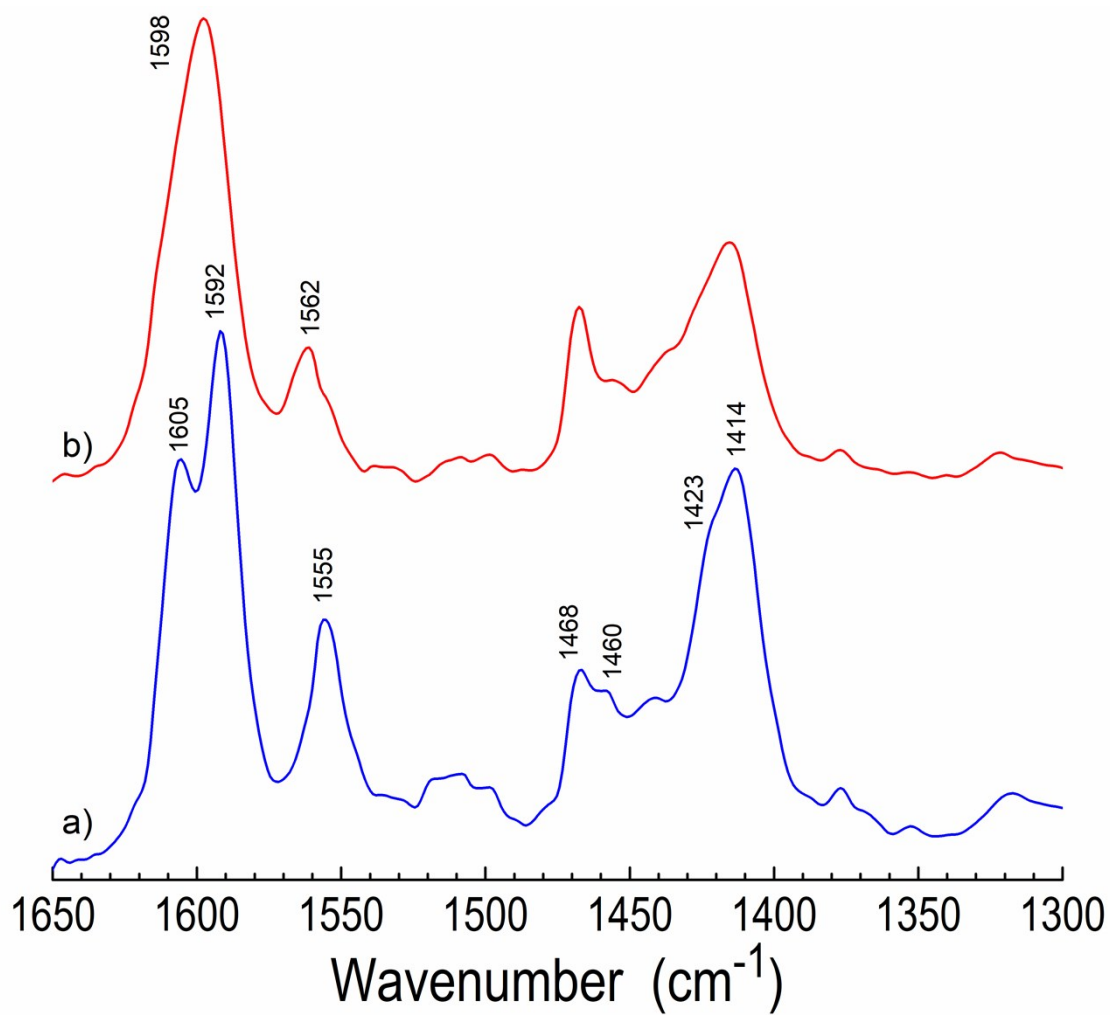


Fig. S2. FTIR spectra of PdL<sub>2</sub> in CHCl<sub>3</sub> solution, and a solid sample cast from CHCl<sub>3</sub> (b).

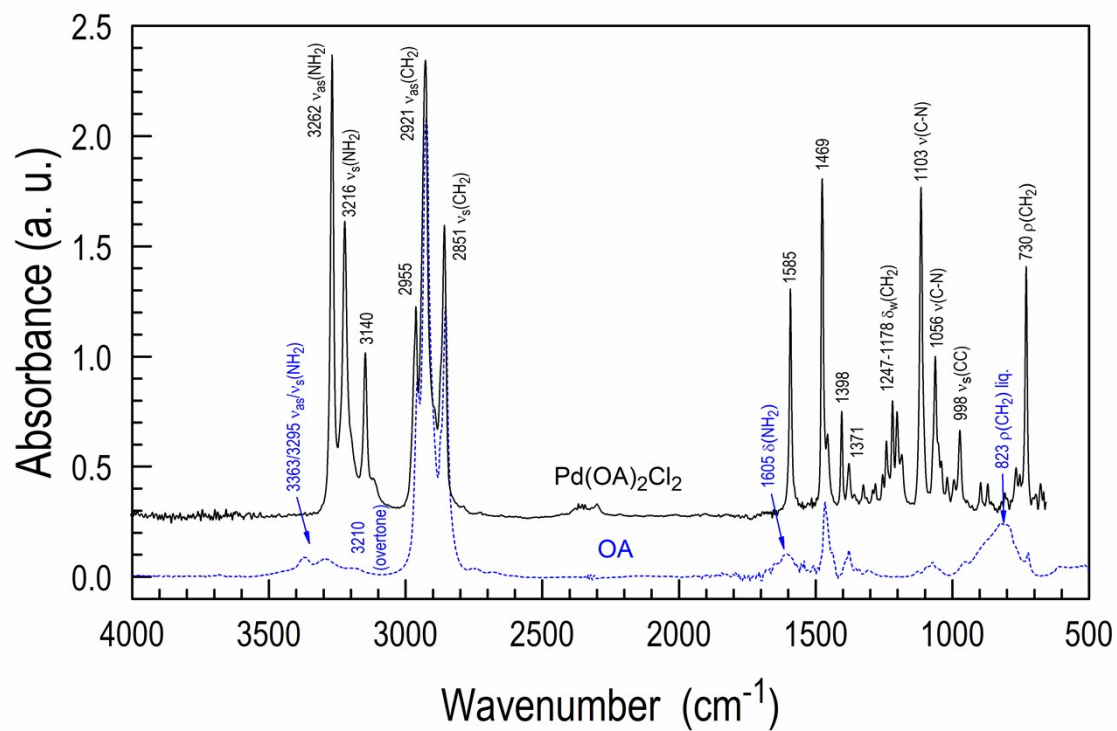


Fig. S3. FTIR spectra of n-octylamine (OA) and n-octylamine/palladium chloride complex  $[\text{PdCl}_2\text{-}2\text{OA}]$ .