

Crystal Structure of Lead(II) Acetylacetonate and the Structure of the Acetylacetonate Solvated Lead(II) Ion in Solution Studied by Large Angle X-Ray Scattering

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Supplementary Information

Legends to Figures

Fig. S1 ATR-IR spectra of Hacac solvent (dashed line) and 1 M $\text{Pb}(\text{CF}_3\text{SO}_3)_2$ solution in Hacac (solid line) (ZnSe crystal).

Fig. S2 IR spectrum of solid $\text{Pb}(\text{acac})_2$ (a – KBr pellet, b – CsI pellet).

Fig. S3 ^1H NMR spectrum of 1M $\text{Pb}(\text{CF}_3\text{SO}_3)_2$ solution in acetylacetone (with acetone- d_6 as ext. ref.).

Fig. S4 ^1H NMR spectrum of acetylacetone solvent (with acetone- d_6 as ext. ref.).

Fig. S1

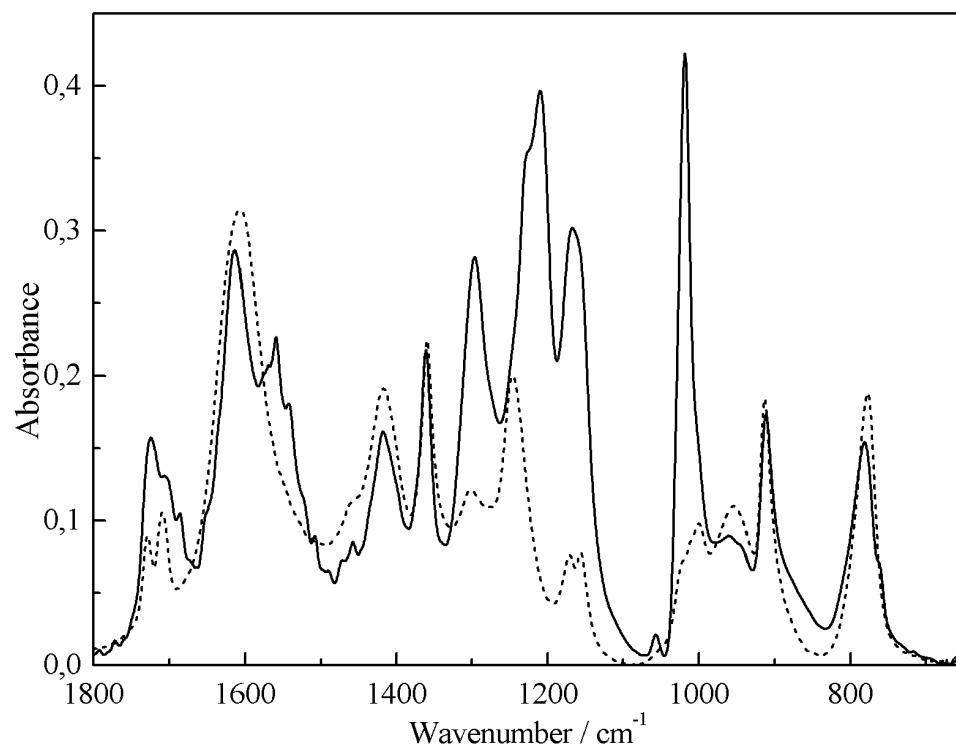


Fig. S2

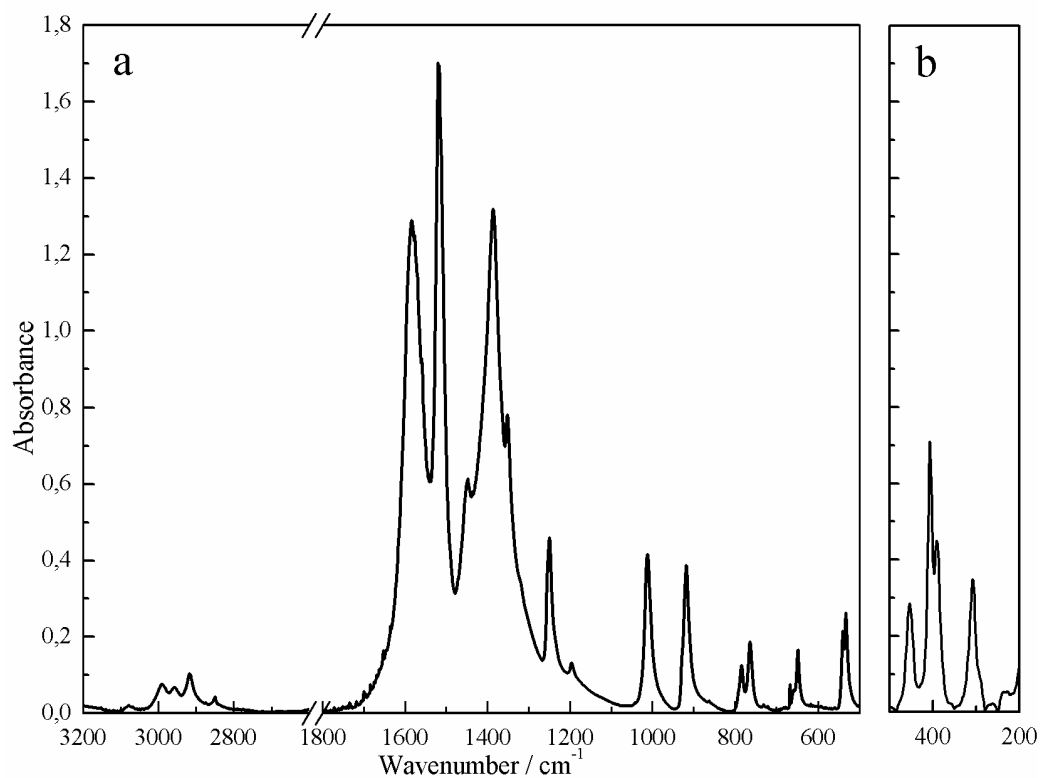


Fig. S3

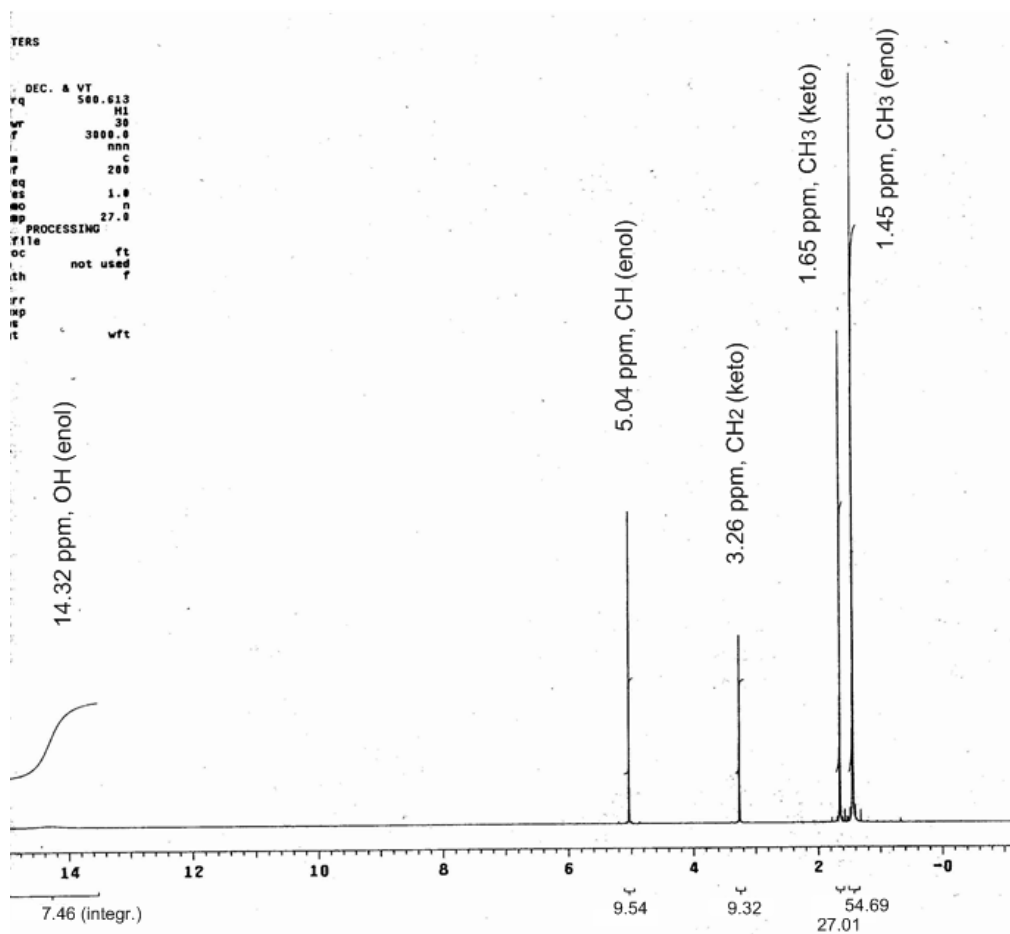


Fig. S4

