

Electronic Supplementary information for

**Synthesis, characterization, and polarized luminescence property
of platinum (II) complexes having a rod-like ligand**

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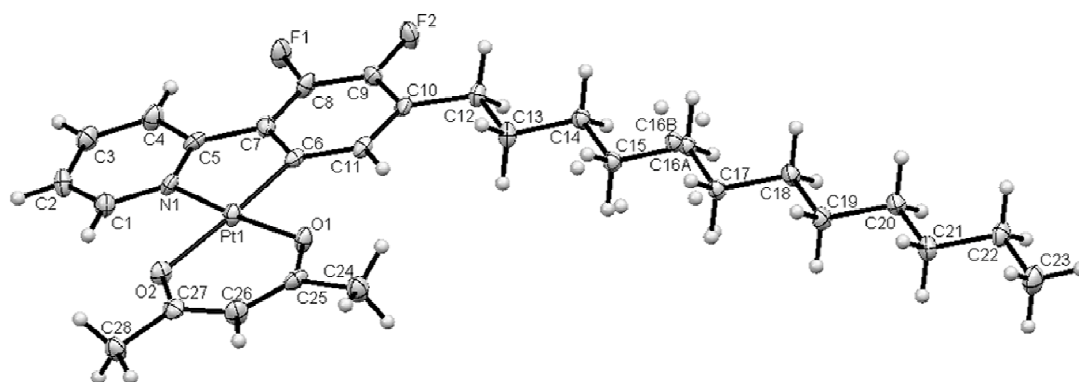


Figure S1 ORTEP drawing of Pt(12F₂PPy)acac in the single crystal, involving disordered alky chain.

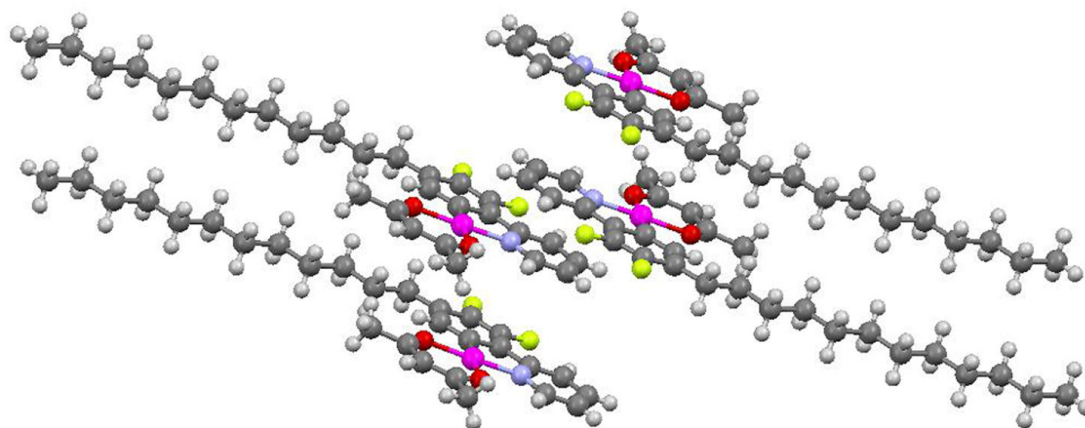


Figure S2 Parallel and anti-parallel packing of dimeric Pt(12F₂PPy)acac.

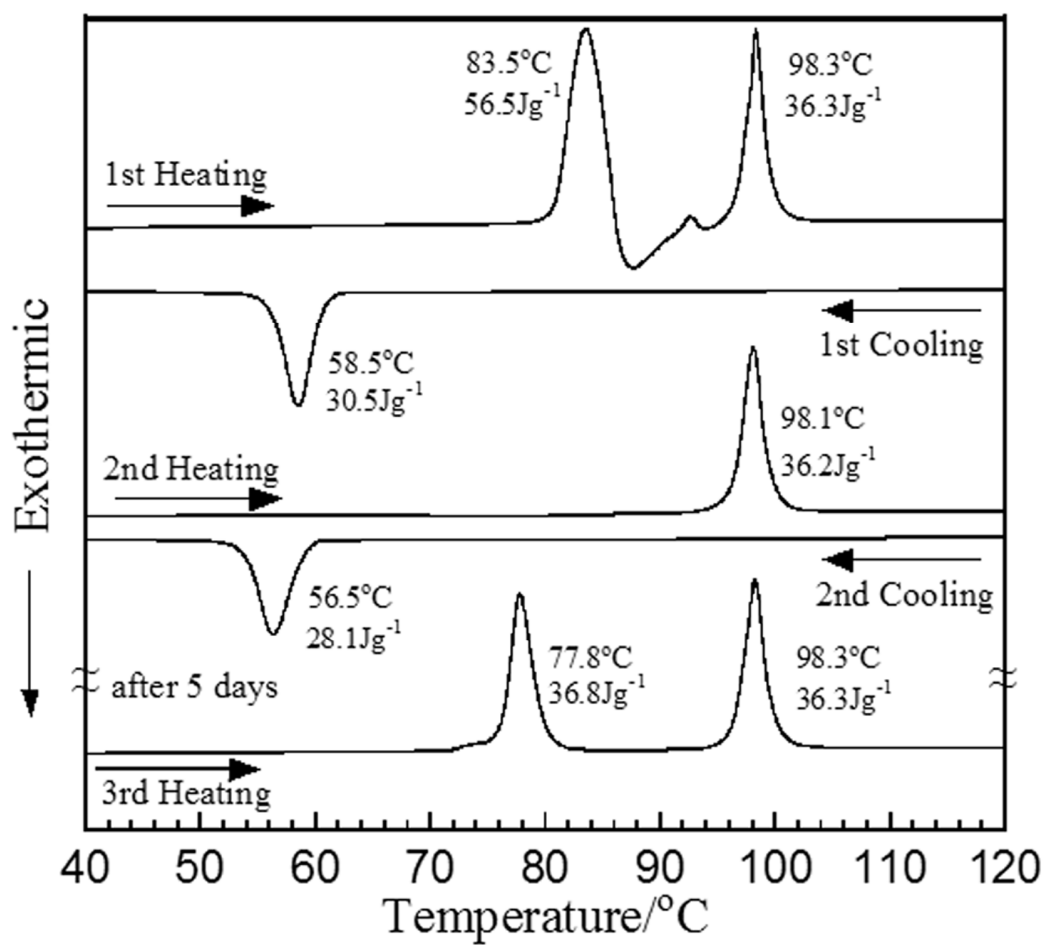


Figure S3 DSC thermograms of Pt(12F₂PPy)acac.

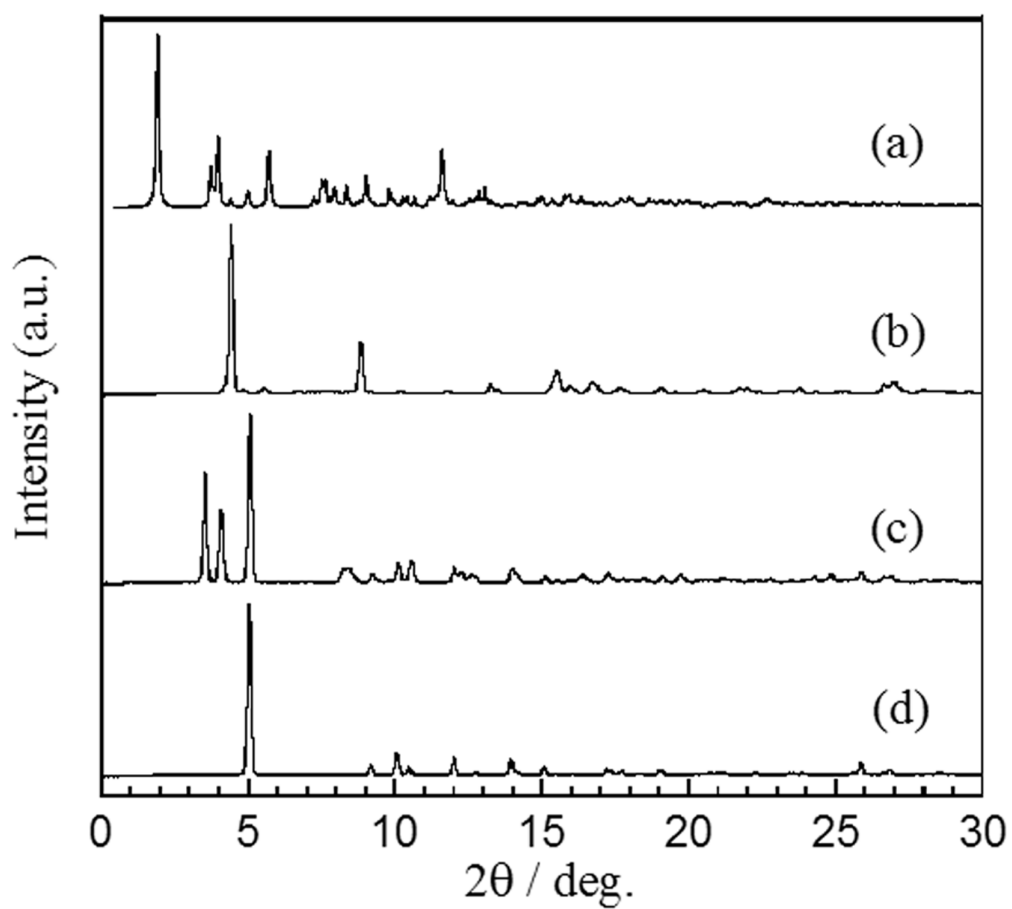


Figure S4 Powder X-ray diffraction patterns of Pt(12F₂PPy)acac obtained in (a) single crystal, (b) a solid phase cooled from the isotropic phase, (c) after 5 days and (d) at 90 °C on subsequent heating.

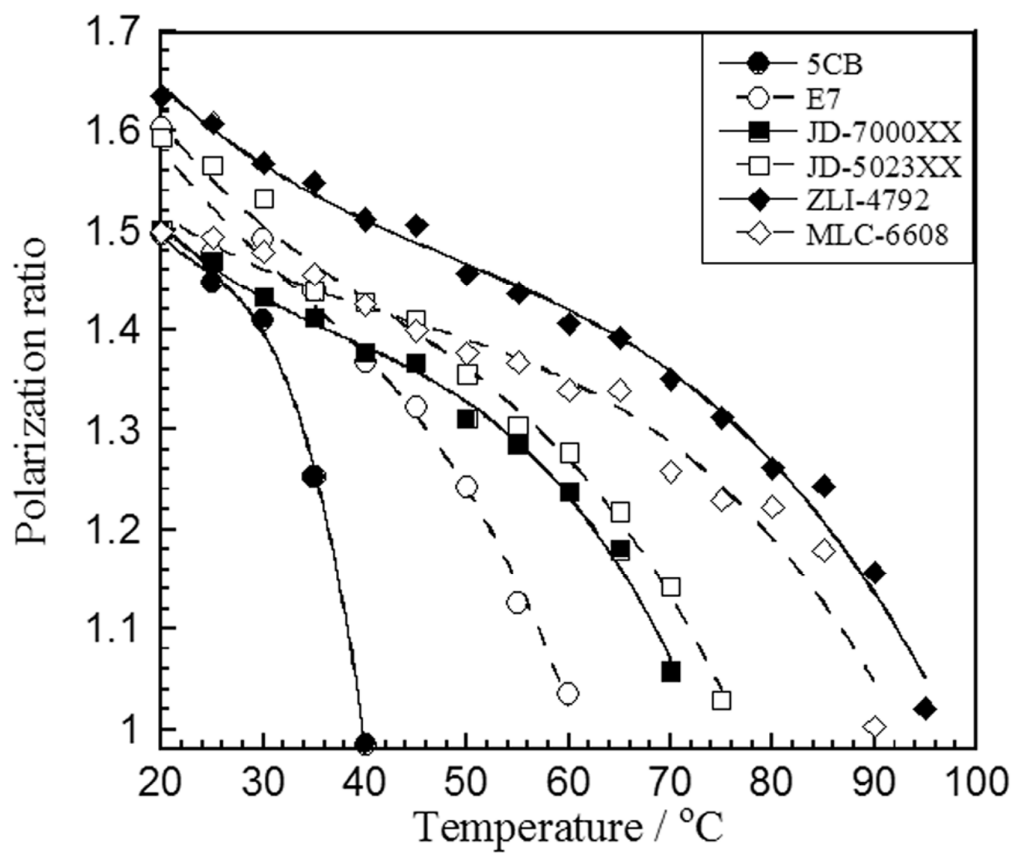


Figure S5 Temperature dependence of polarization ratios of the monomer in
Pt(12F₂PPyO₄)acac/LC mixtures.

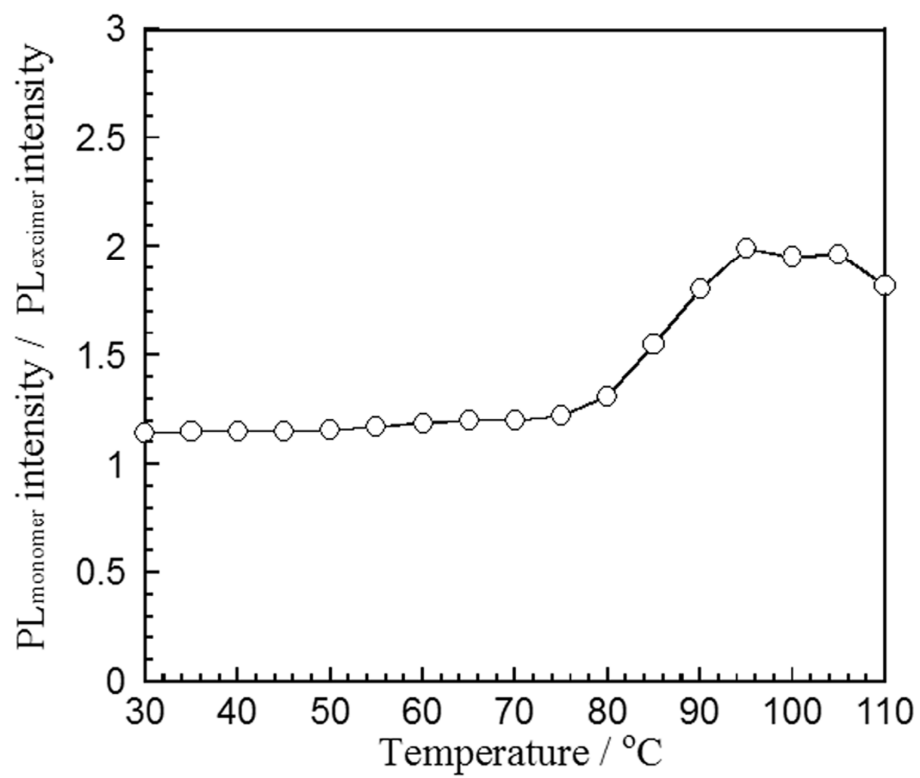


Figure S6 Change in PL intensity ratio of the monomer/the excimer of 20 wt%

Pt(12F₂PPy)acac doped PMMA film.