<Supplementary Information>

First Direct-Formation and Properties of Microspherical Superstructure. Morphology of Diamineplatinum(II) Complexes with Isonicotinate

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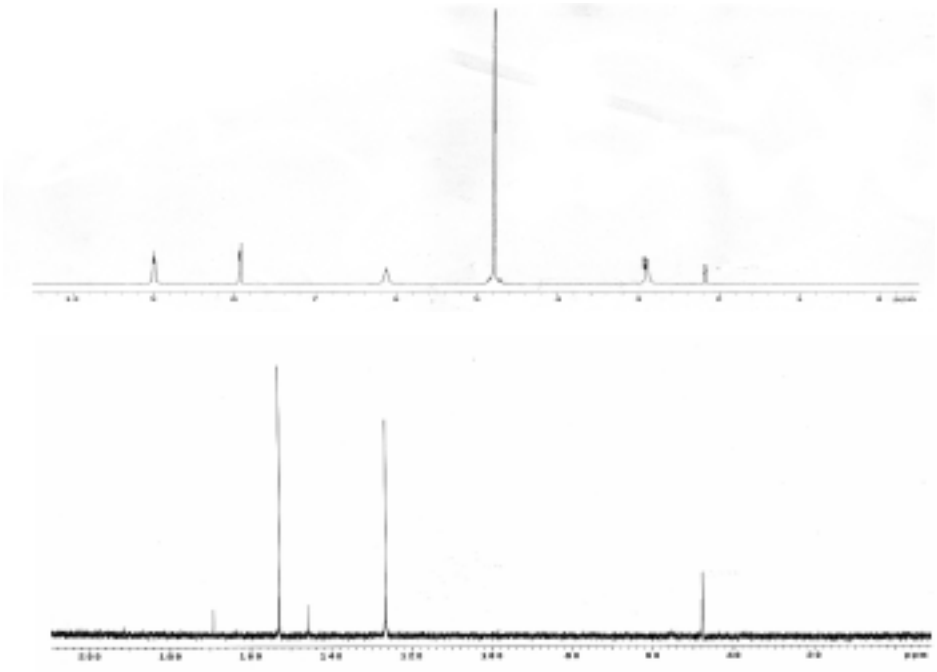
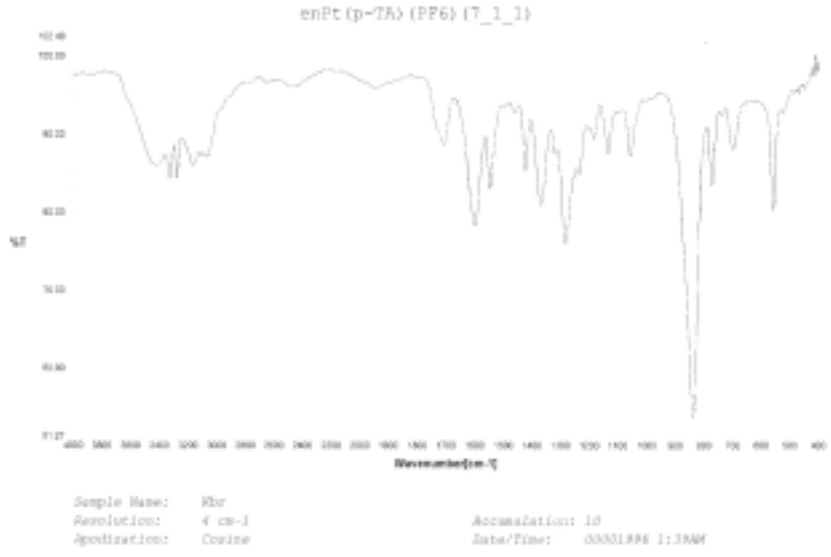
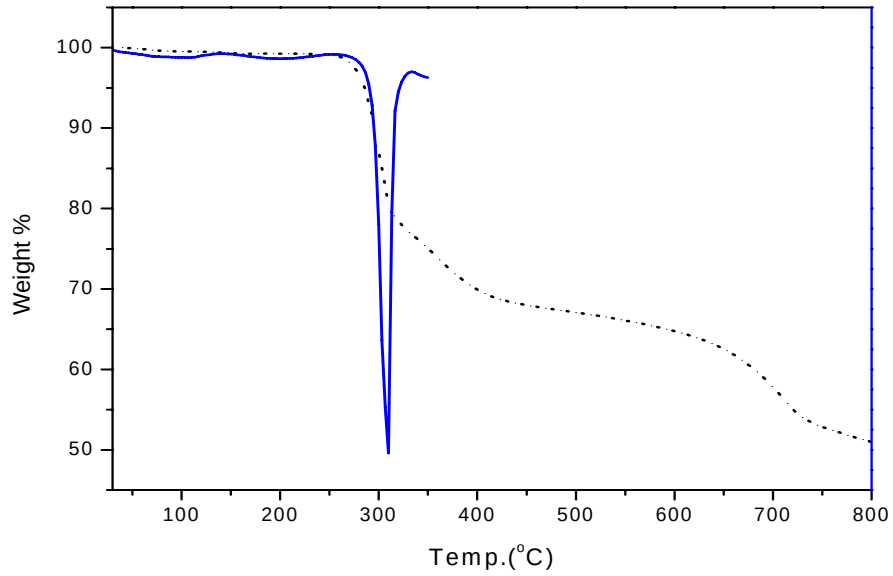
SI 1.

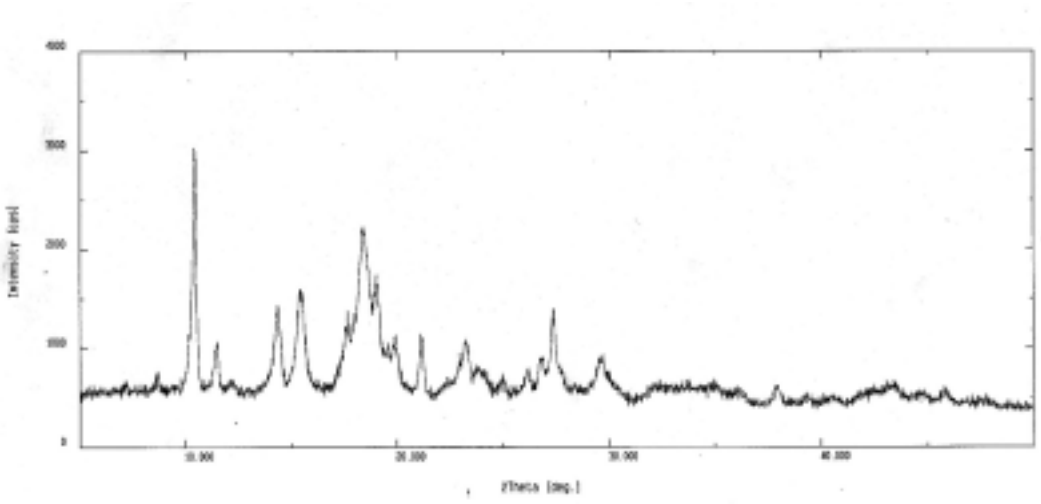
^{1}H,^{13}C-NMR, and IR Spectra of [Pt(en)(iso)(iso·HPF_6)$_2$]



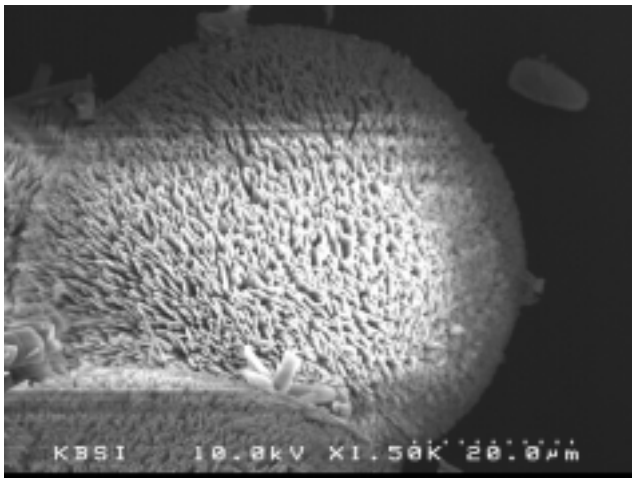


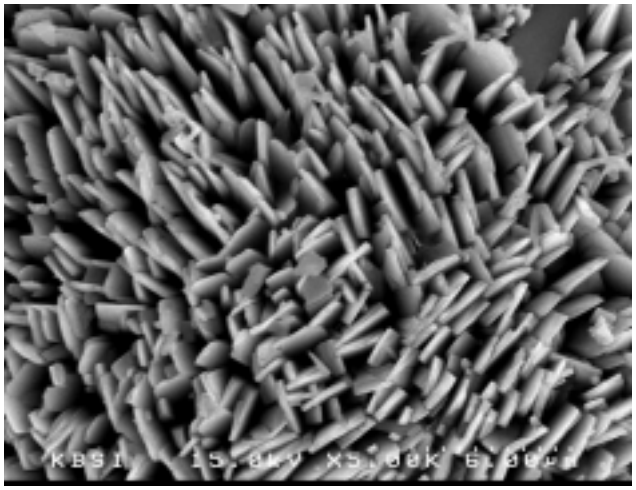
SI2. Thermal (TGA and DSC) Analyses and XRD of [Pt(en)(iso)(iso·HPF_6)$_2$]



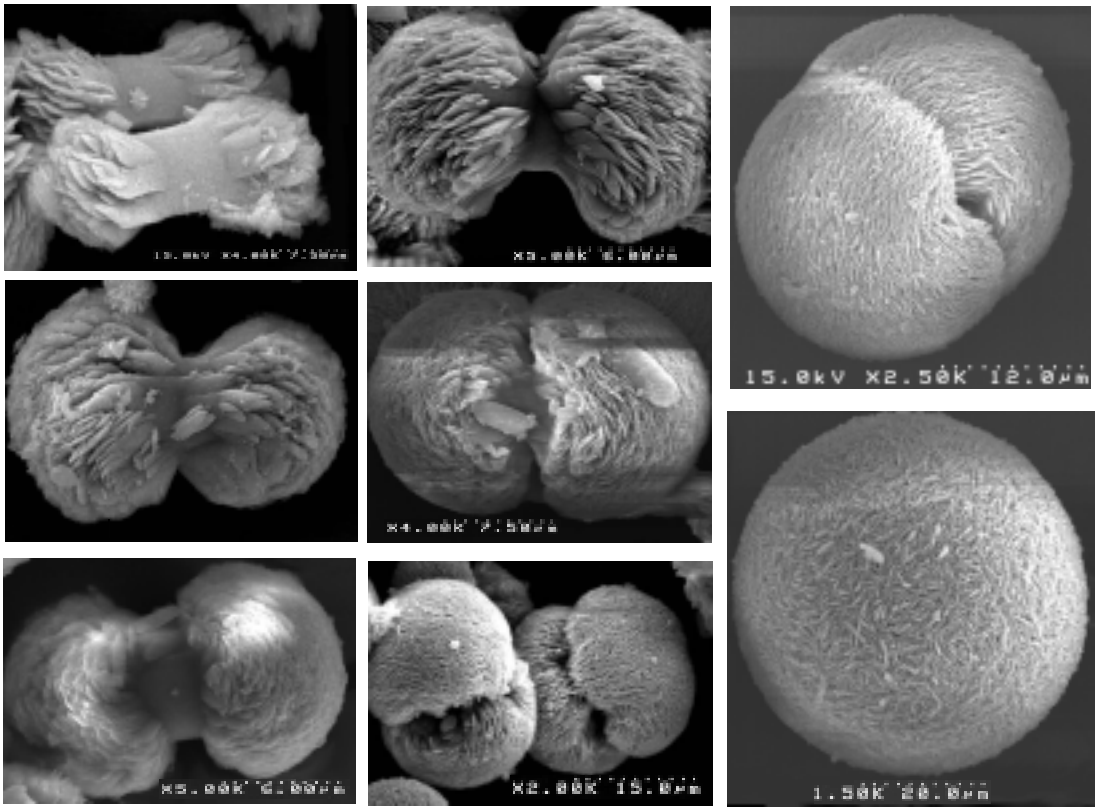


SI3. SEM image of [Pt(DMEDA)(iso)(iso·HPF_6)]

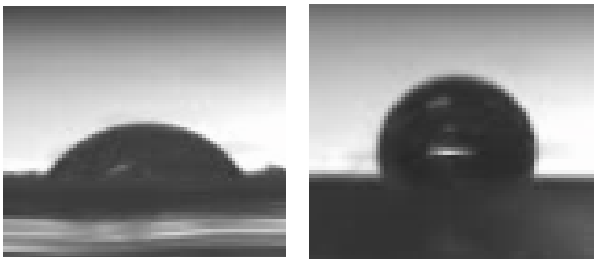




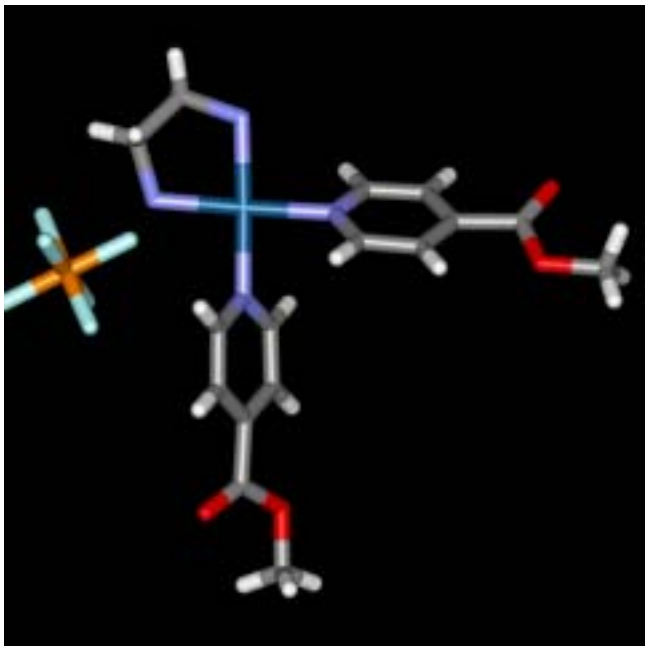
SI4. SEM images howing the formation-procedure of $[Pt(en)(iso)(iso{\cdot}HPF_6)_2]$



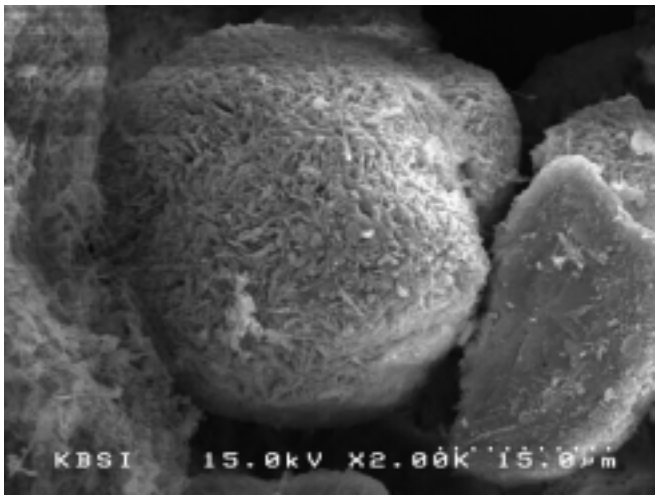
SI 5. Water contact angles of monolayer of [Pt(en)(iso)(iso·HPF_6)$_2$] (left) and of polyethylene (right).



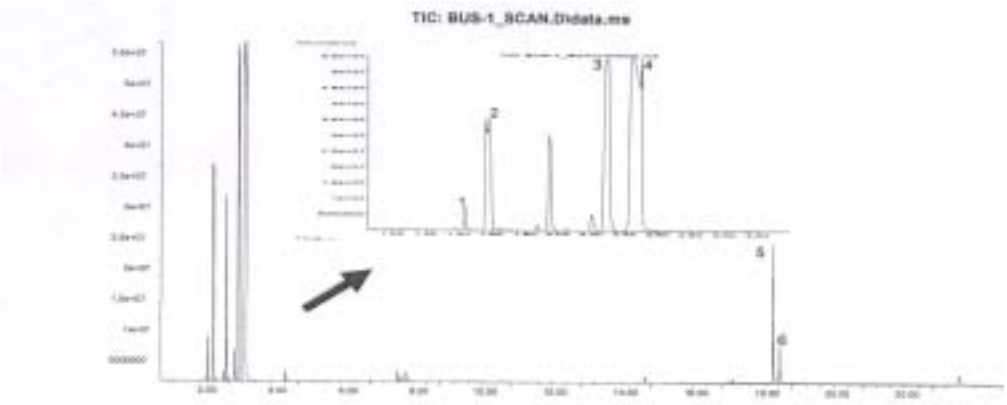
SI 6. Crystal structure of $[Pt(en)(CH_3iso)_2](PF_6)_2$



SI 7. SEM image of microsuperstructure after hydrogenation

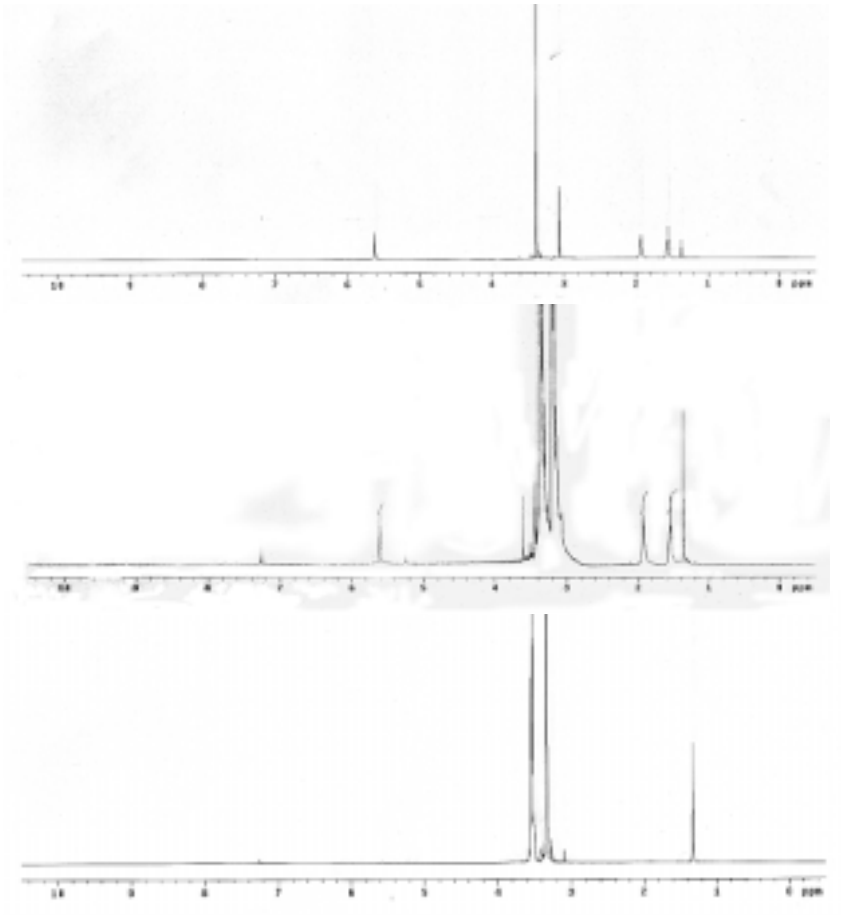


GC Chromatogram



1. Methanol (CAS)
2. Vinyl methyl ether
3. cyclohexane
4. Cyclohexene
5. 2-methylpheanthrene
6. 4,5-methylphenanthrene

GC chromatogram of 10% hydrogenation of cyclohexene to cyclohexane



^{1}H NMR spectra after hydrogenation of cyclohexene to cyclohexane - 10% (top), 70% (middle), and 100% (bottom)