

Supplementary Information

Study on Platinum(IV) Species Containing an Estrogen Receptor Modulator to Reverse Tamoxifen Resistance of Breast Cancer

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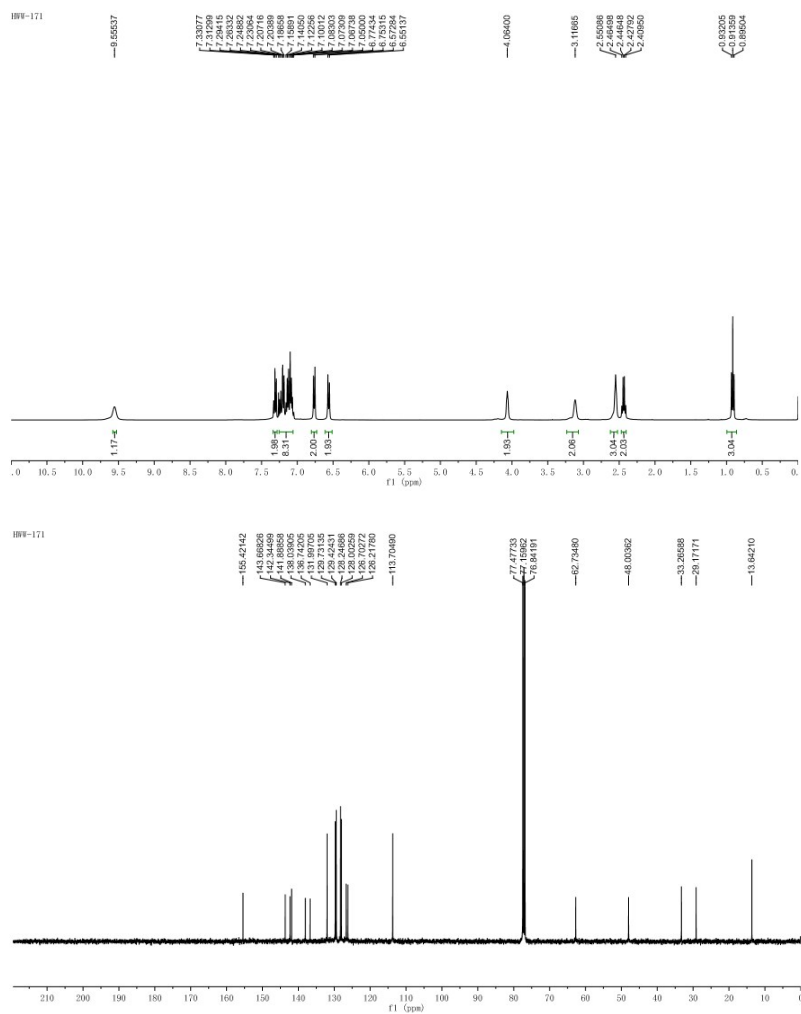
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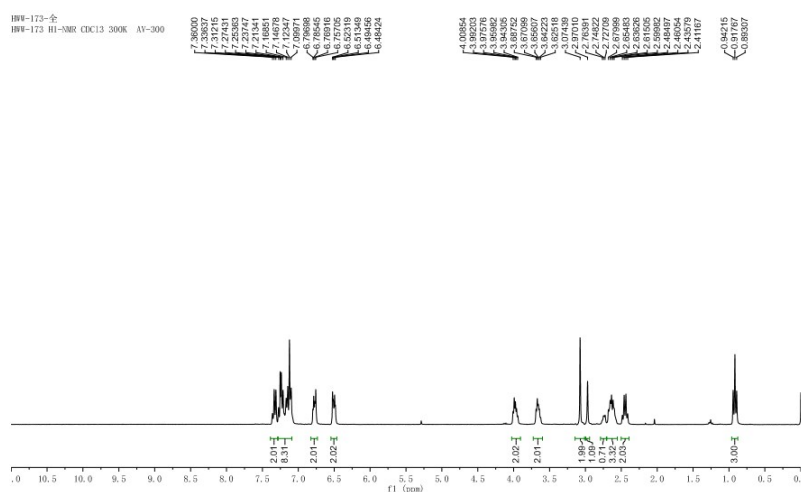
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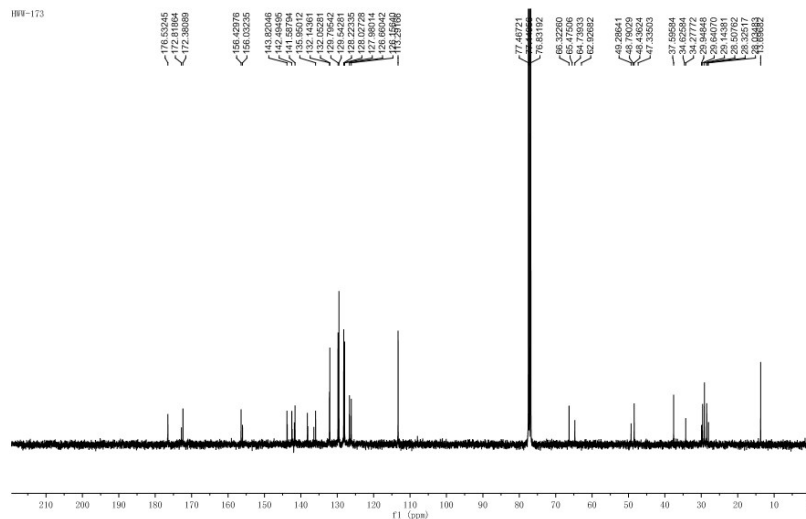
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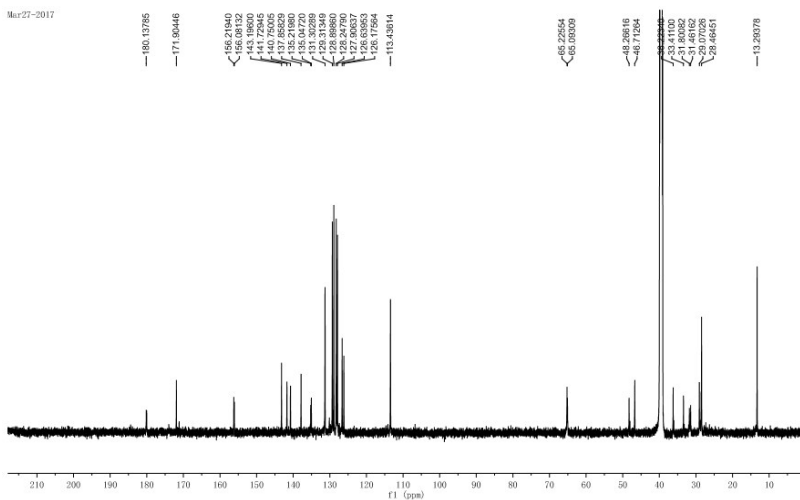
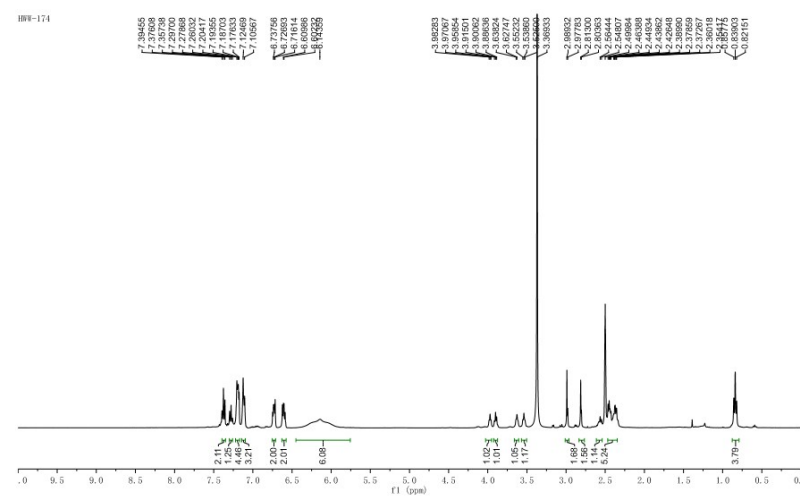


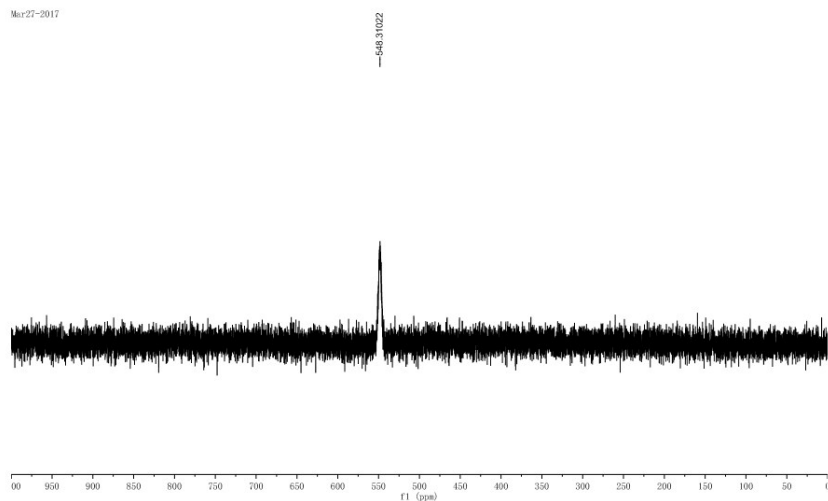
Figures S1. ^1H and ^{13}C NMR spectra of N-desmethyltamoxifen.





Figures S2. ^1H and ^{13}C NMR spectra of N-desmethyldamoxifen-succinic acid.





Figures S3. ^1H , ^{13}C and ^{195}Pt NMR spectra of complex **1**.

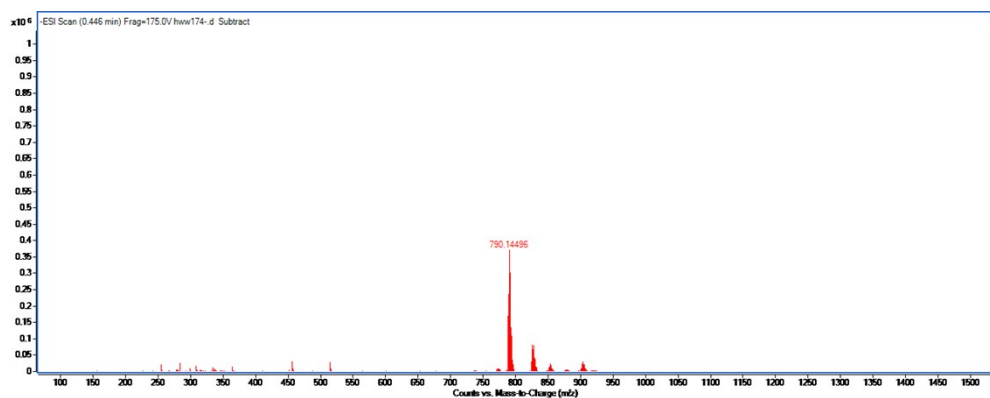
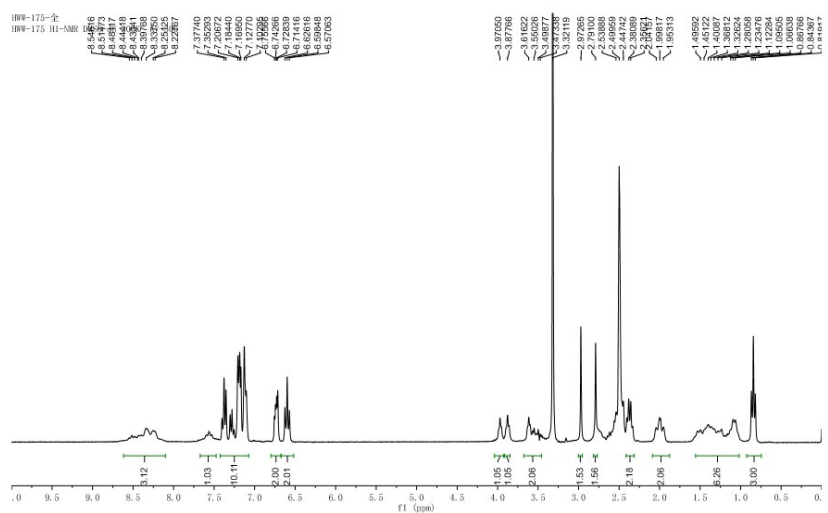
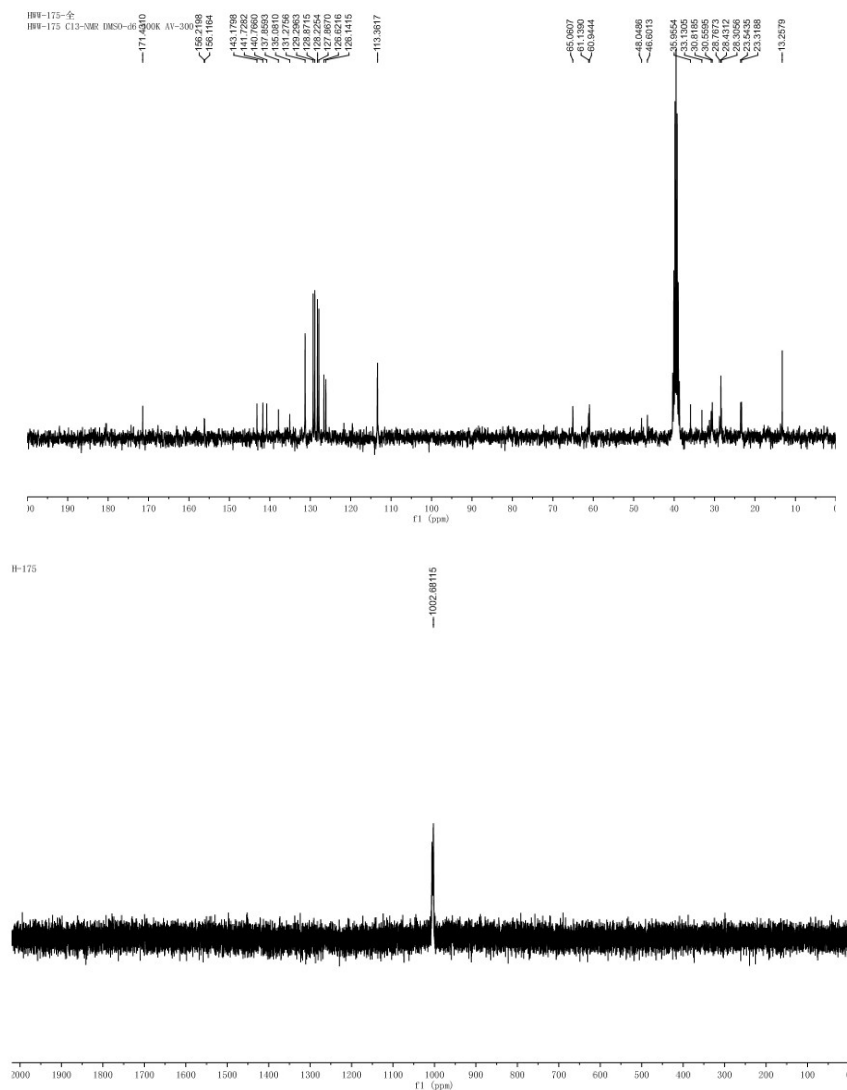


Figure S4. ESI-HRMS of complex **1** measured in the negative mode. The measured m/z is 790.1450 and the calculated m/z is 790.1419.





Figures S5. ^1H , ^{13}C and ^{195}Pt NMR spectra of complex **2**.

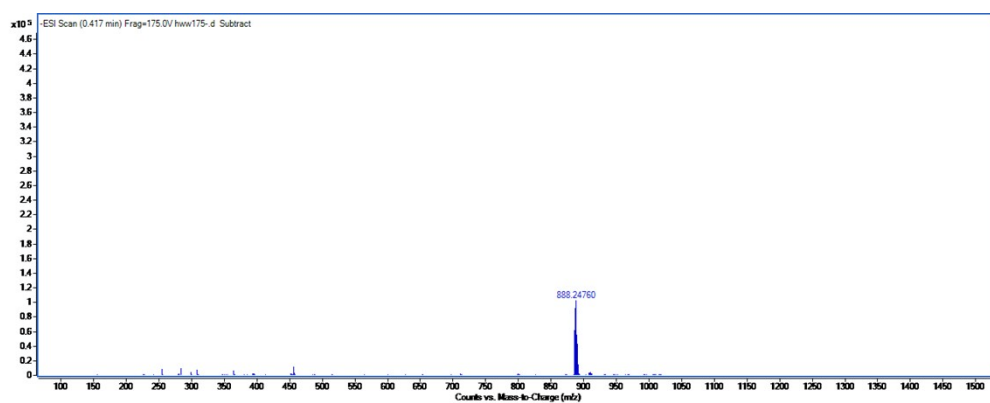
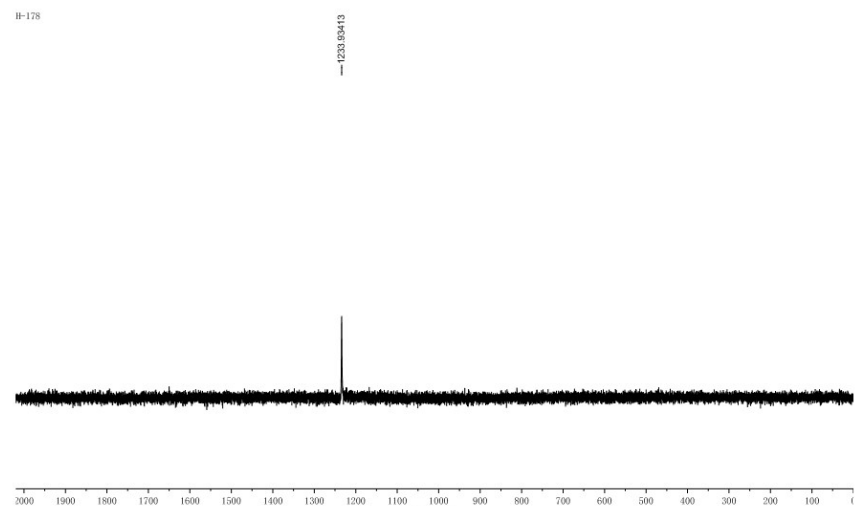
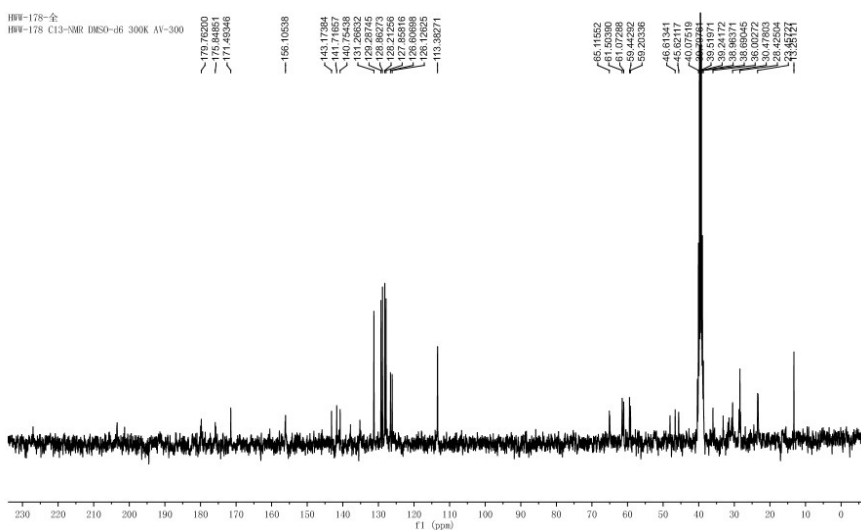
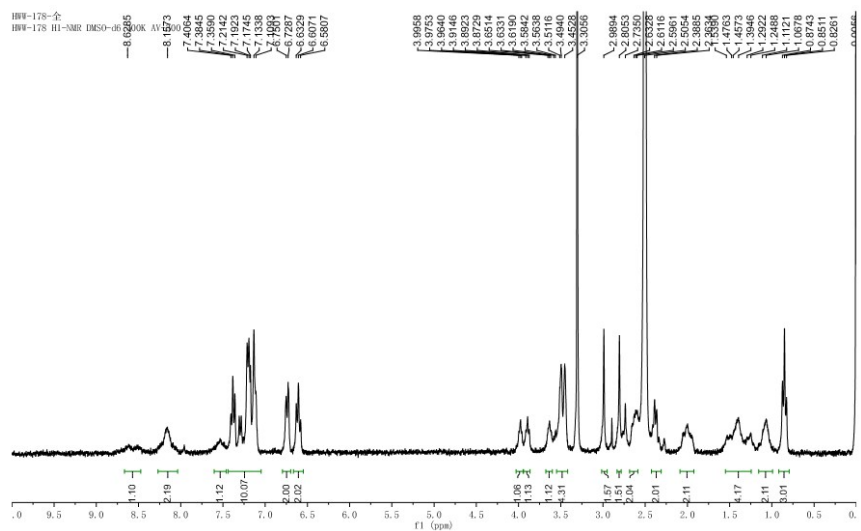


Figure S6. ESI-HRMS of complex **2** measured in the negative mode. The measured m/z is 888.2476 and the calculated m/z is 888.2465.



Figures S7. ¹H, ¹³C and ¹⁹⁵Pt NMR spectra of complex **3**.

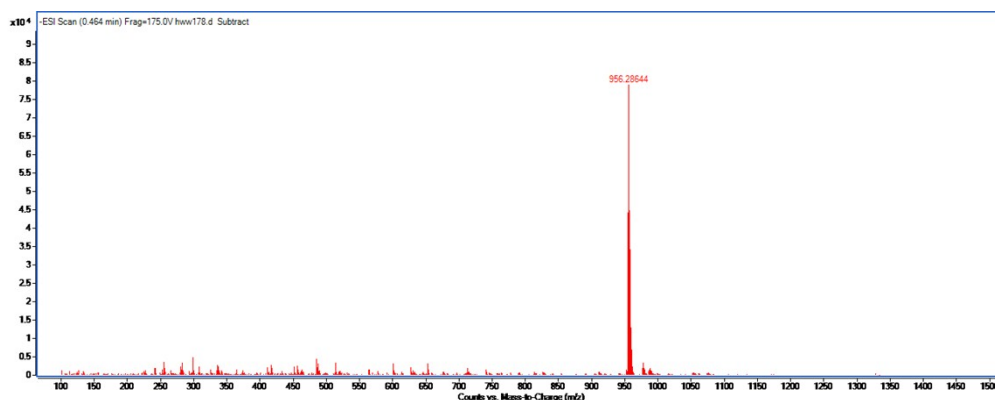
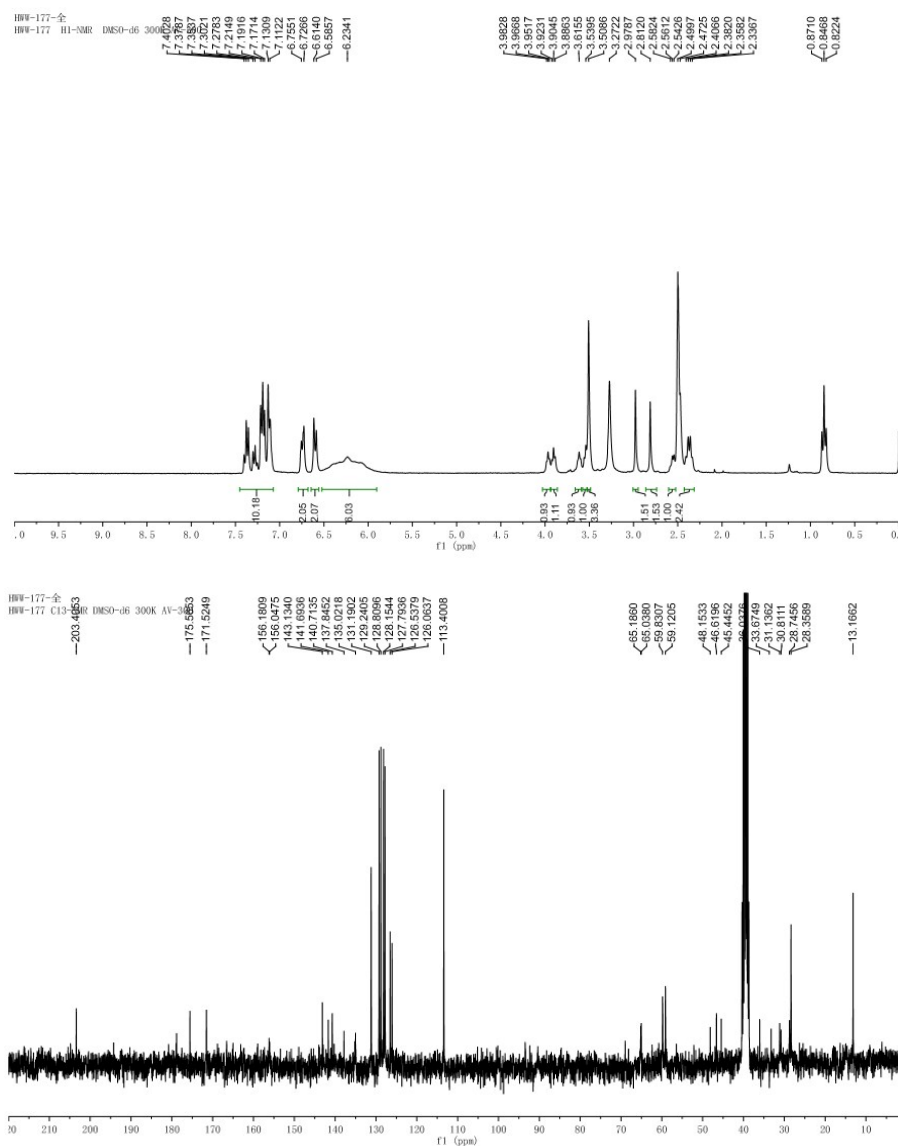
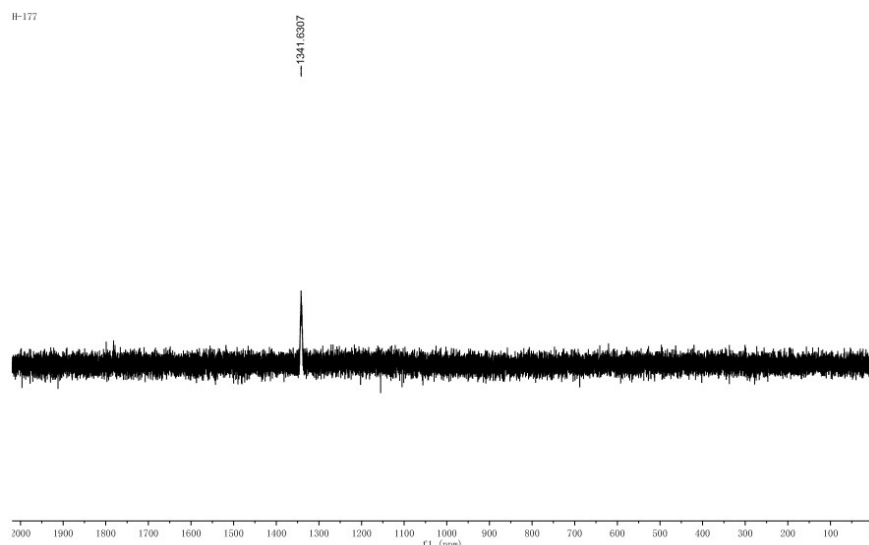


Figure S8. ESI-HRMS of complex **3** measured in the negative mode. The measured m/z is 956.2864 and the calculated m/z is 956.2727.





Figures S9. ^1H , ^{13}C and ^{195}Pt NMR spectra of complex **4**.

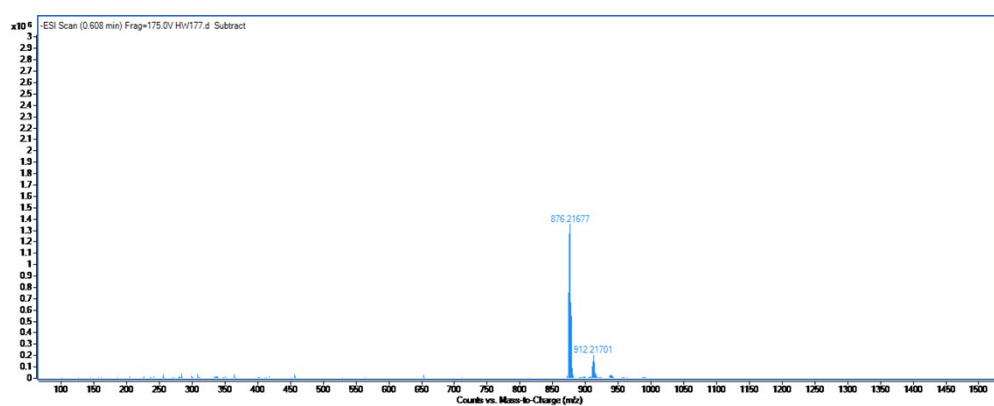
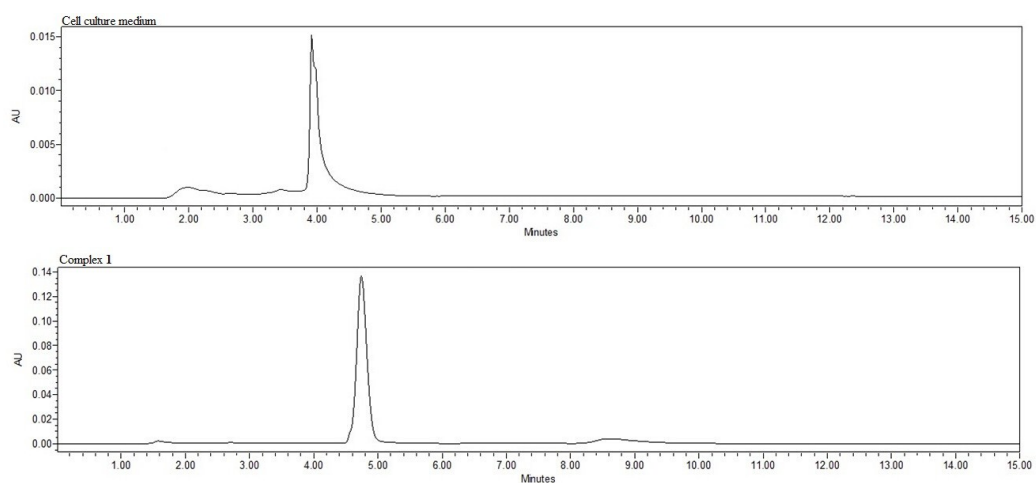


Figure S10. ESI-HRMS of complex **4** measured in the negative mode. The measured m/z is 876.2168 and the calculated m/z is 876.2101.



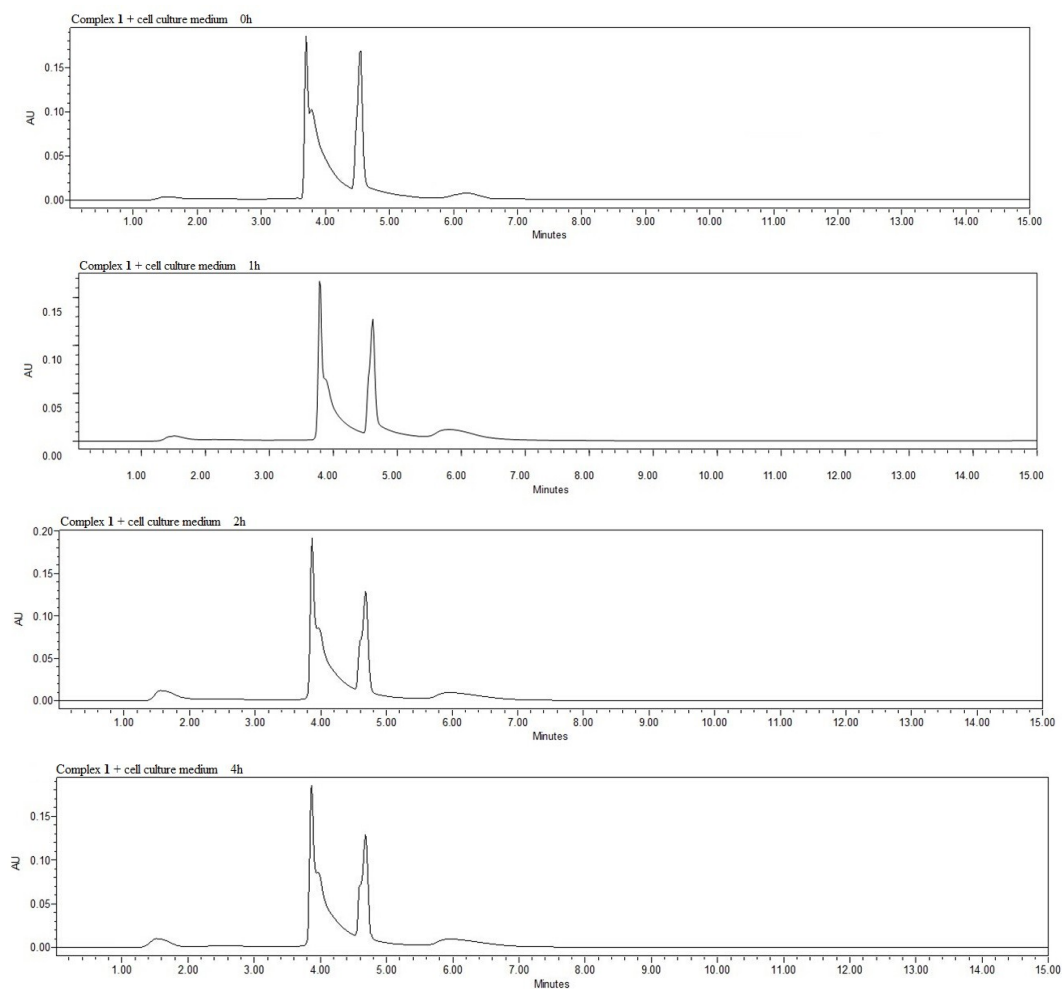


Figure S11. The stability of complex 1 in cell culture medium was studied by HPLC. Mobile phase consisted of acetonitrile/water (9:1, v/v), and flow rate was 1.0 mL/min. The wavelength used on UV detection at 249 nm.

