**Synthesis, X-ray crystal structures and anticancer studies of four Pd(II) dithiocarbamate complexes**

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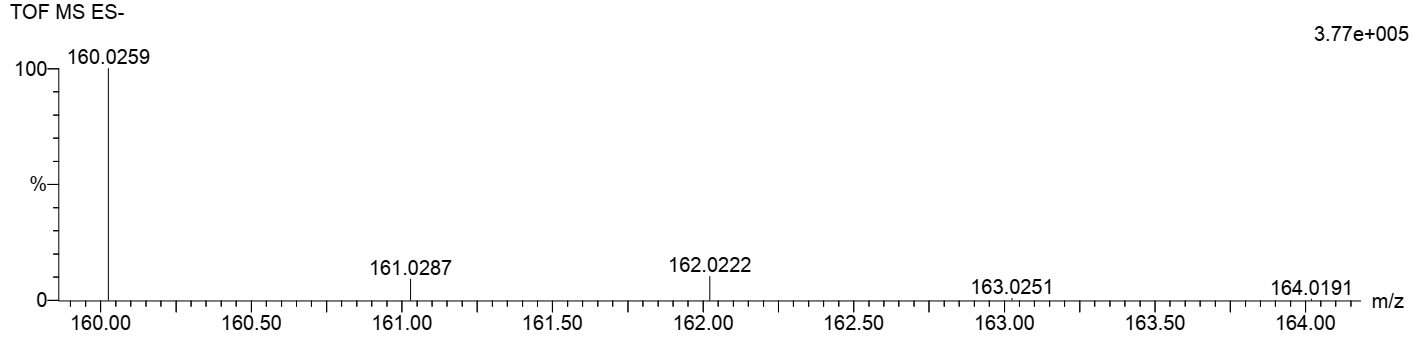
**Supplementary material**

**Figure S1:** FTIR spectra of Pipdtc-Na and [Pd(Pipdtc)2]

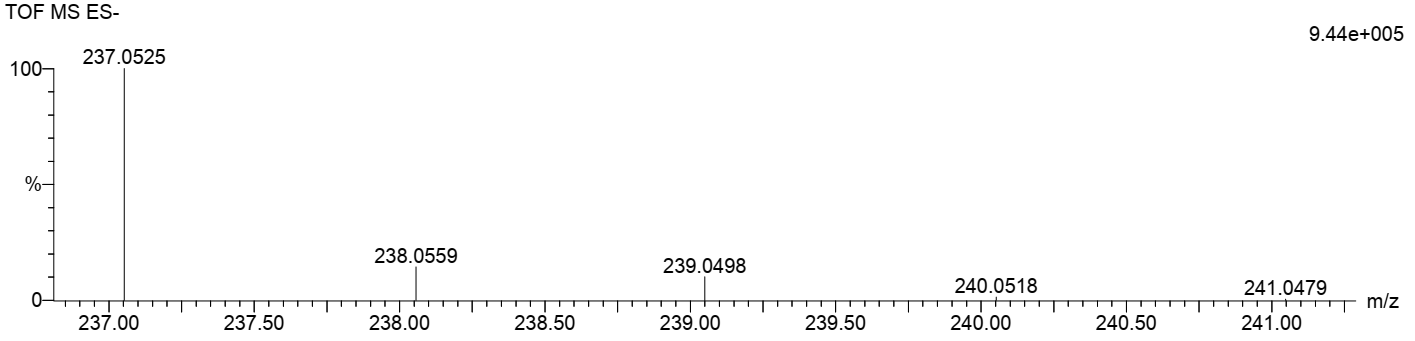
**Figure S2:** FTIR spectra of 1-PhPzdtc-Na and [Pd(1-PhPzdtc)2]

**Figure S3:** FTIR spectrum of Phdtc-NH4 and [Pd(Phdtc)2].

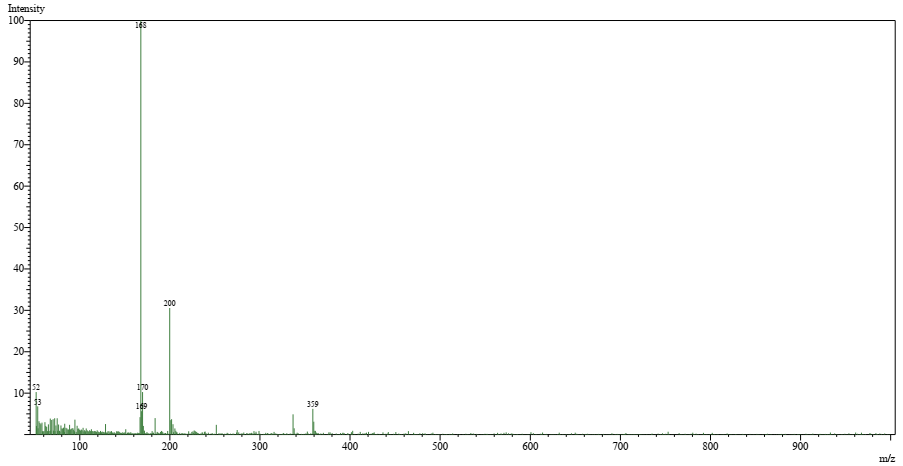
**Figure S4:** FTIR spectra of 4-BenzPipdtc and [Pd(4-BenzPipdtc)2].



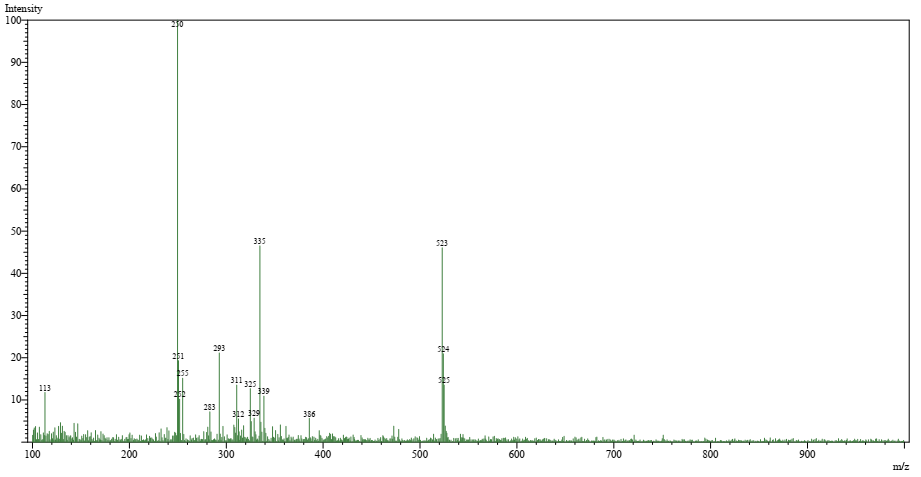
**Figure S5:** MS spectrum of Pipdtc-Na



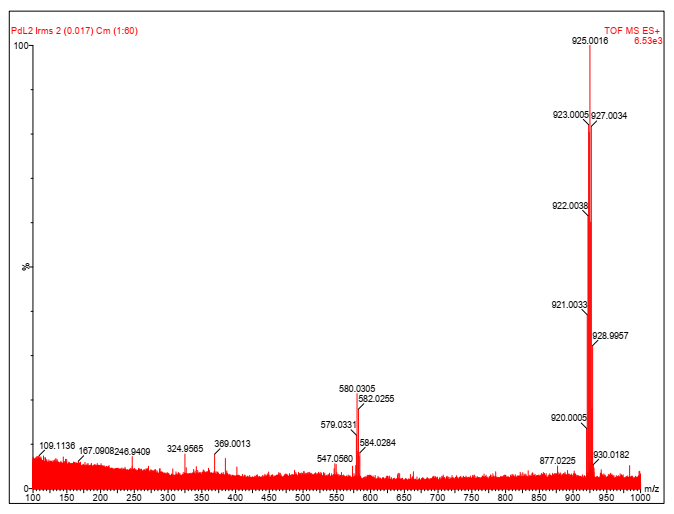
**Figure S6:** MS spectrum of 1-PhPzdtc-Na



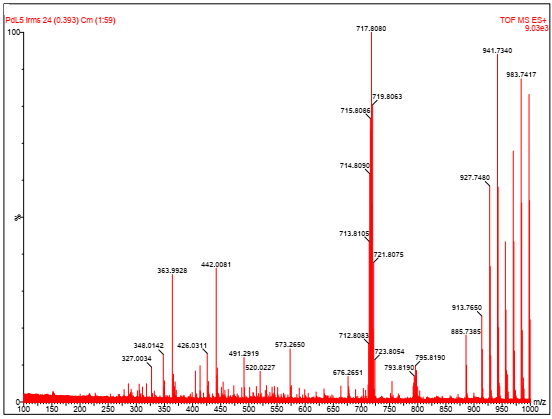
**Figure S7:** MS spectrum of Phdtc-NH4



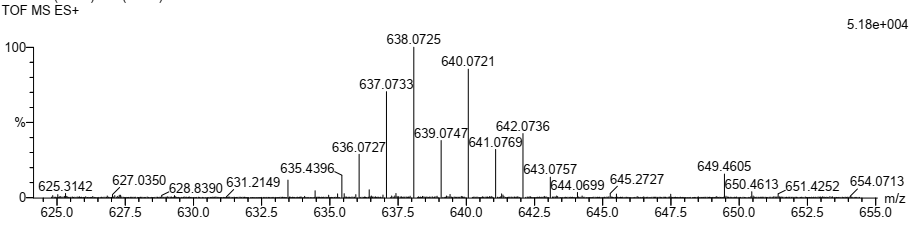
**Figure S8:** MS spectrum of 4-BenzPipdtc-Na.



**Figure S9:** MS spectrum of [Pd(1-PhPzdtc)2].



**Figure S10:** MS spectrum of [Pd(Phdtc)2].



**Figure S11:** MS spectrum of [Pd(4-BenzPzdtc)2].