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Supporting information for article:

Synthesis and structural characterization of a new dinuclear platinum(III) complex, [Pt2Cl4(NH3)2{μ-HN&z-dbnd;C(O)Bu^{t}}2]

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Supporting materials

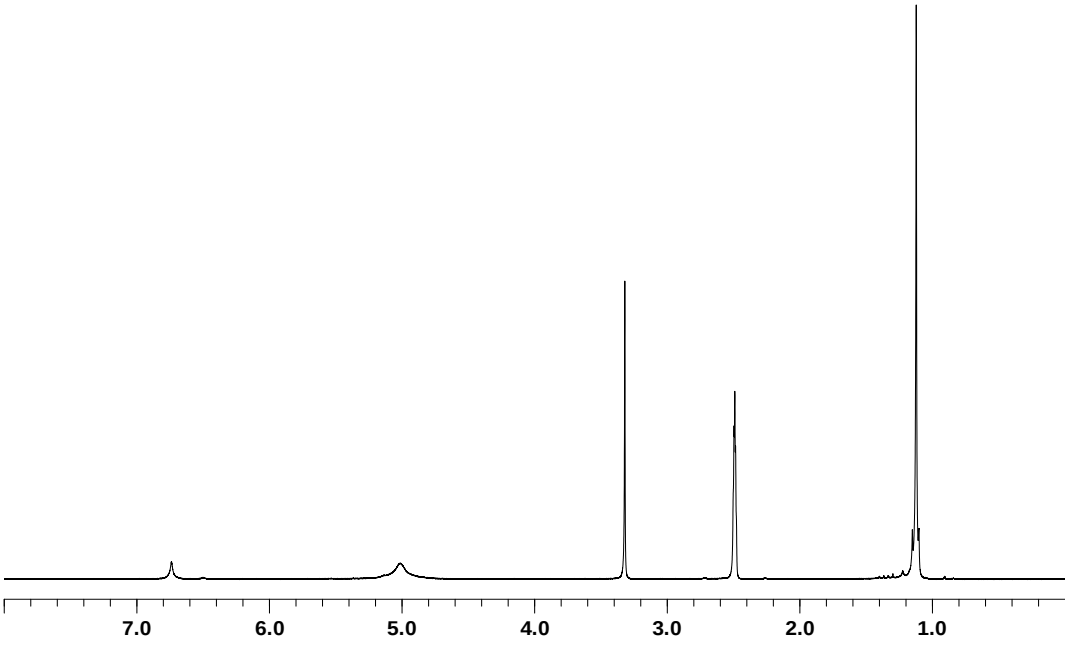

Figure S1. ^{1}H-NMR spectrum at 295 K in DMSO-d_6. Signals at frequencies ~1.20, ~5.00, and ~6.70 ppm assigned to the *tert*-butyl (-C(CH_3)$_3$), ammine (-NH_3), and amidate (-N(H)CO) protons, respectively.

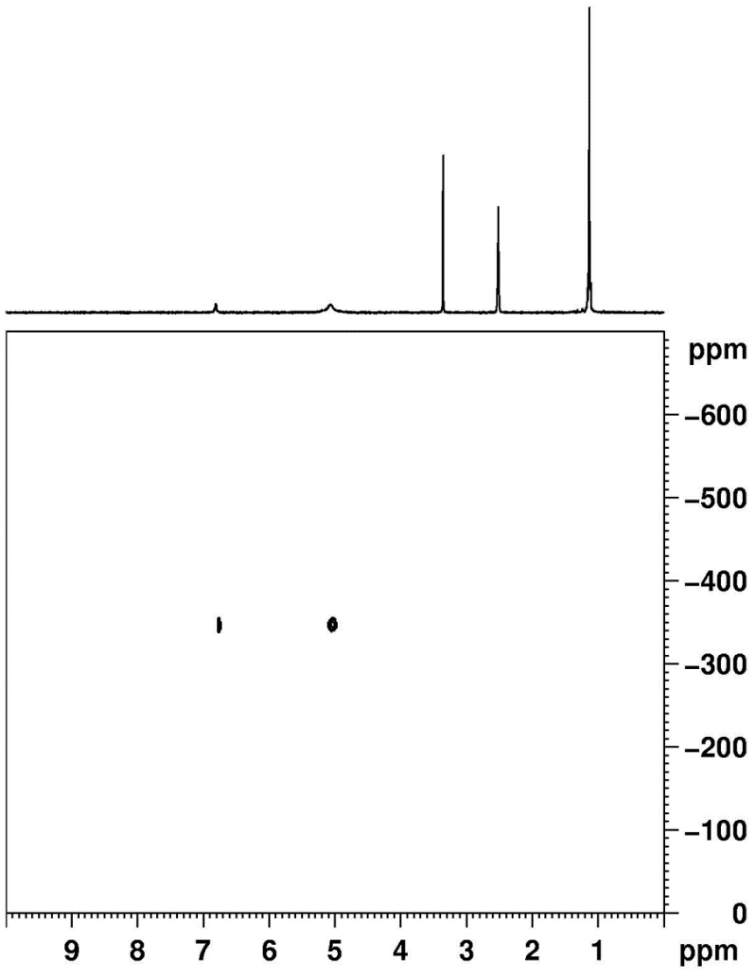

Figure S2. [^{1}H-^{195}Pt] HSQC-NMR heterocorrelate spectrum recorded in DMSO-d_6. The spectrum shows two NH signals at 5.01 and 6.74 ppm correlated with the platinum signal at -347 ppm, indicative of a Pt^{III} cation in a N_2Cl_2OPt coordination environment.

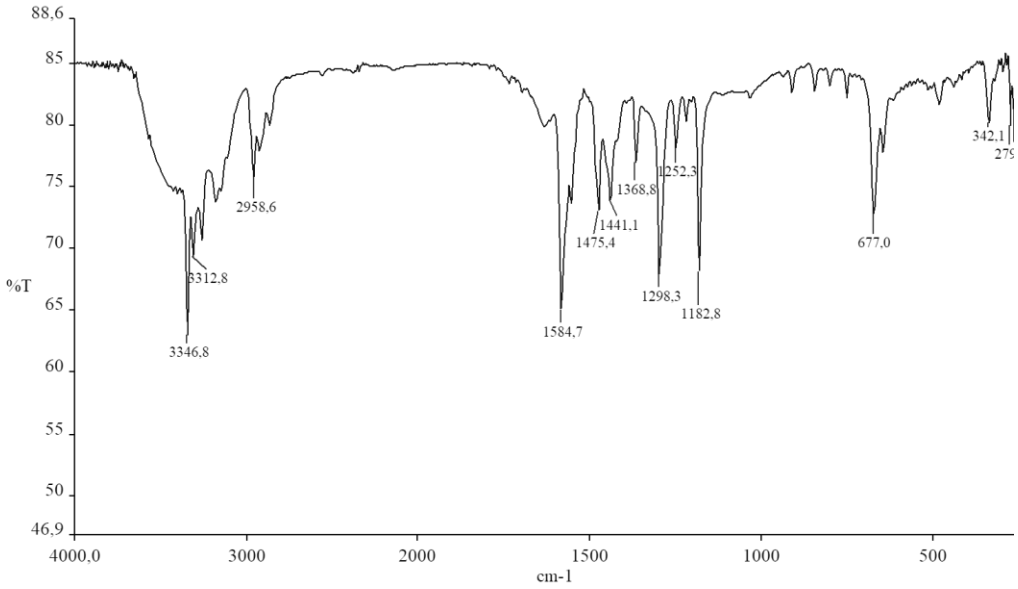

Figure S3. Infrared spectrum.