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ELECTRONIC SUPPORTING INFORMATION

Synthesis and first use of pyridine-2,6-diylbis(pyrazine-2-ylmethanone) in metal cluster chemistry: A $\{Mn^{III}_3Na_2\}$ complex with an ideal trigonal bipyramidal geometry

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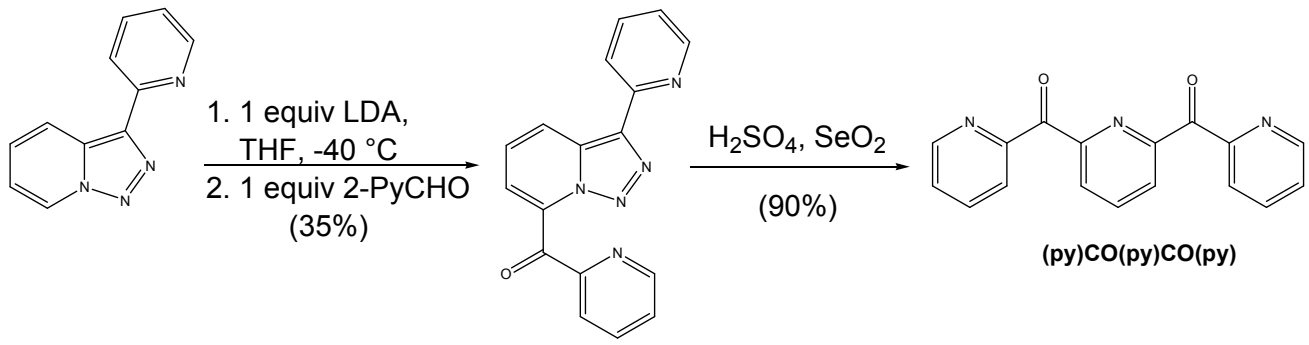


Scheme S1. Synthetic route to the structural analogue compound (py)CO(py)CO(py).

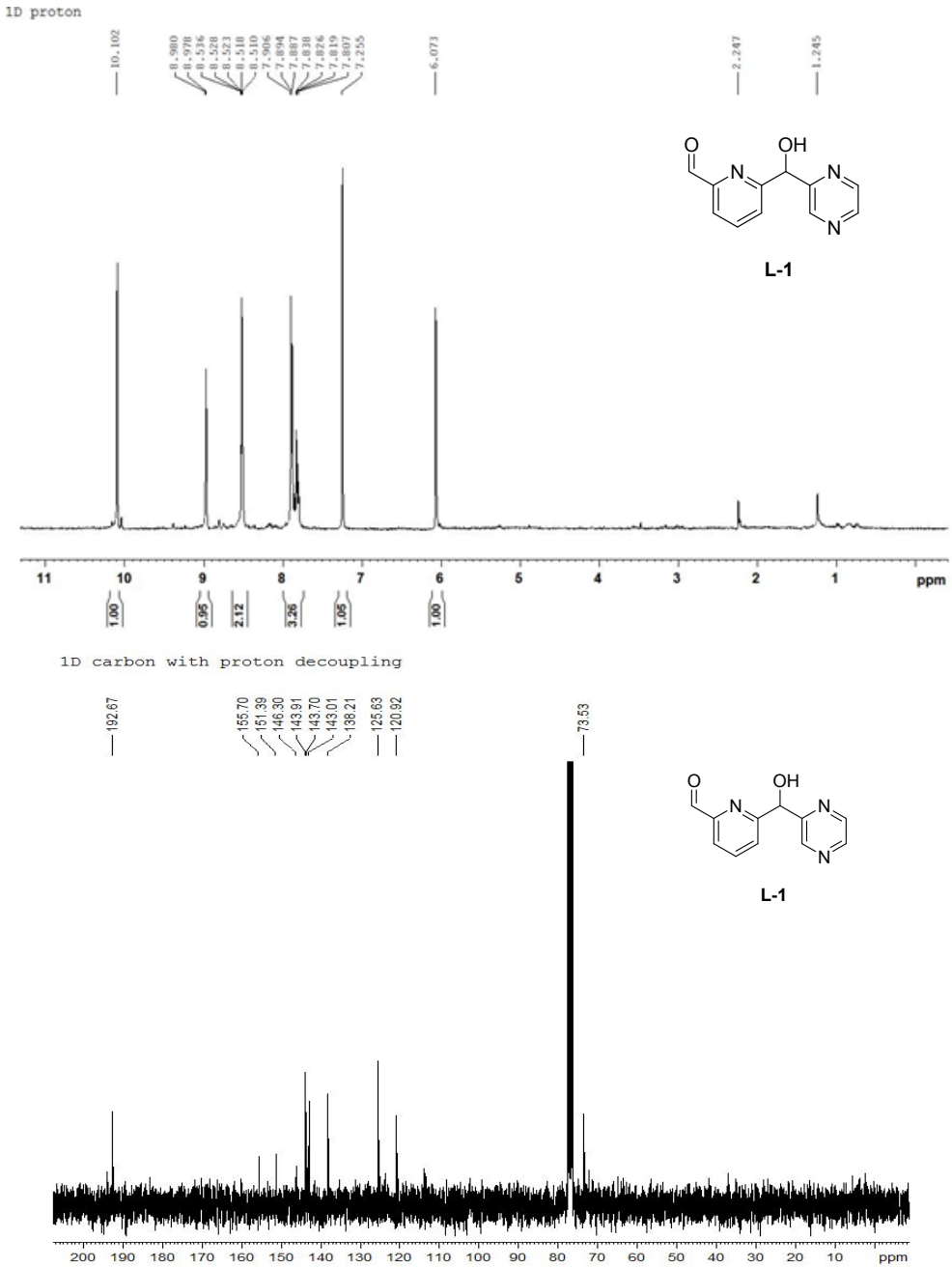
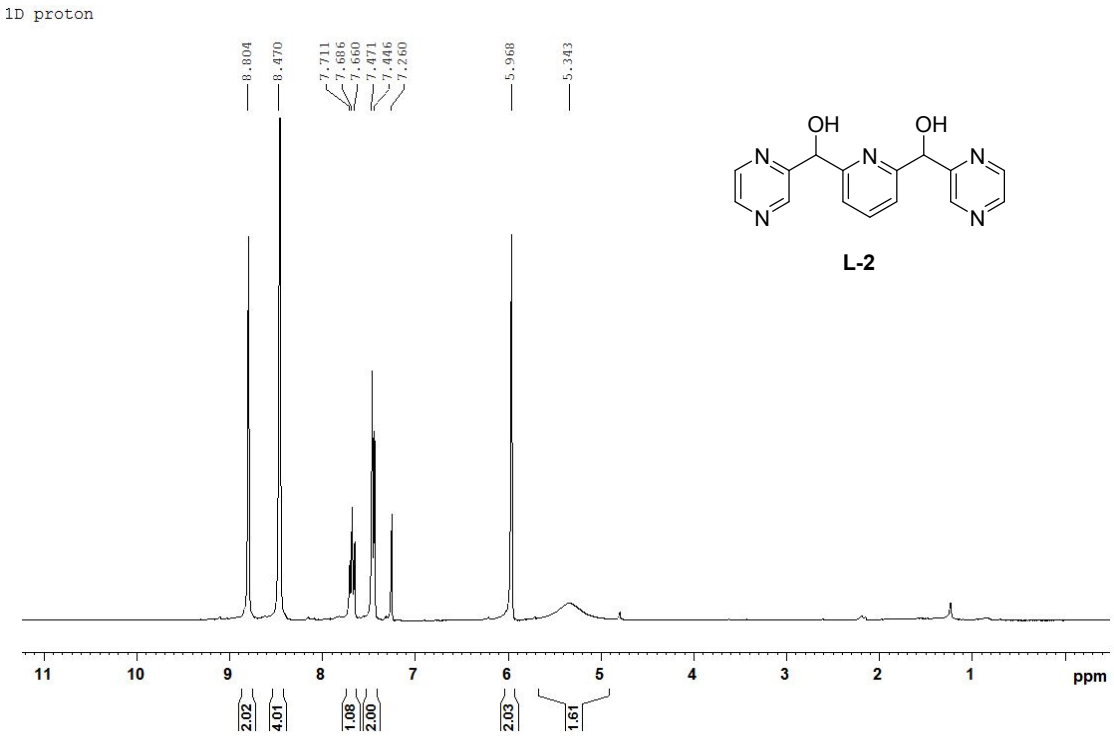


Fig. S1. ^{1}H (top) and ^{13}C (bottom) NMR spectra of L-1.



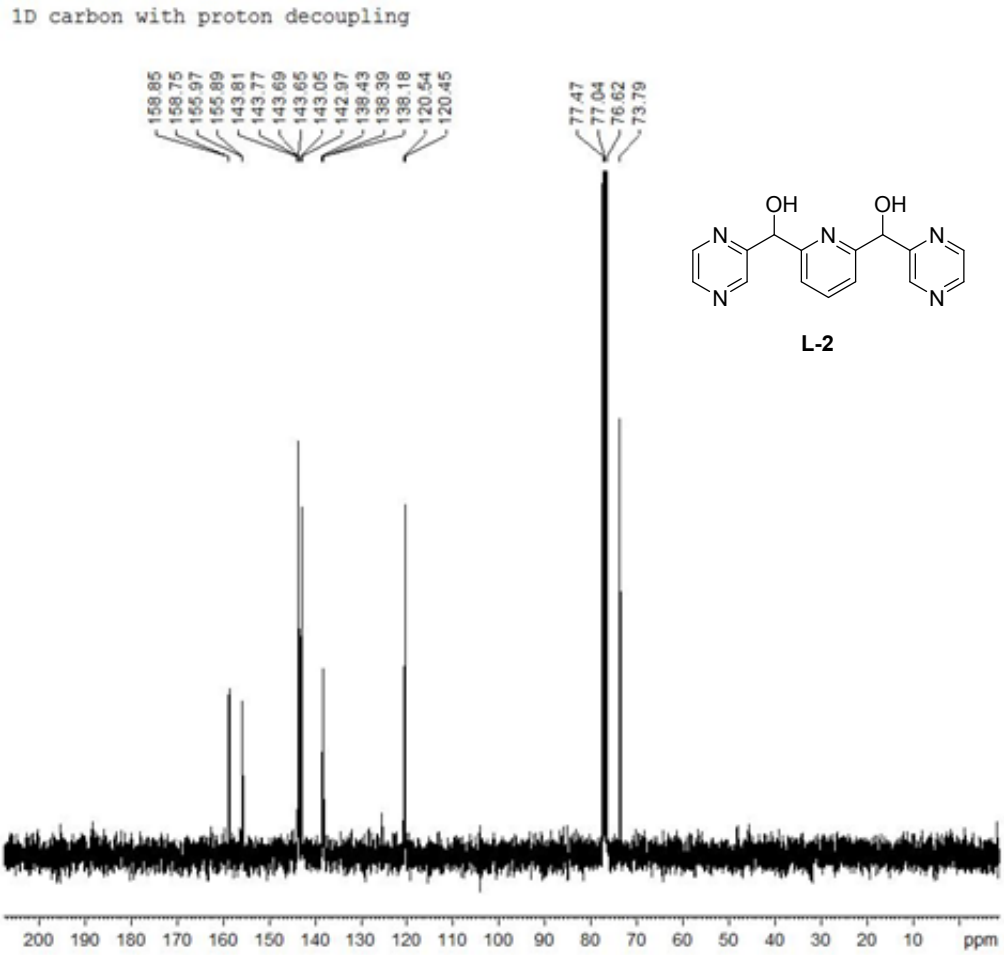


Fig. S2. ^{1}H (top) and ^{13}C (bottom) NMR spectra of L-2.

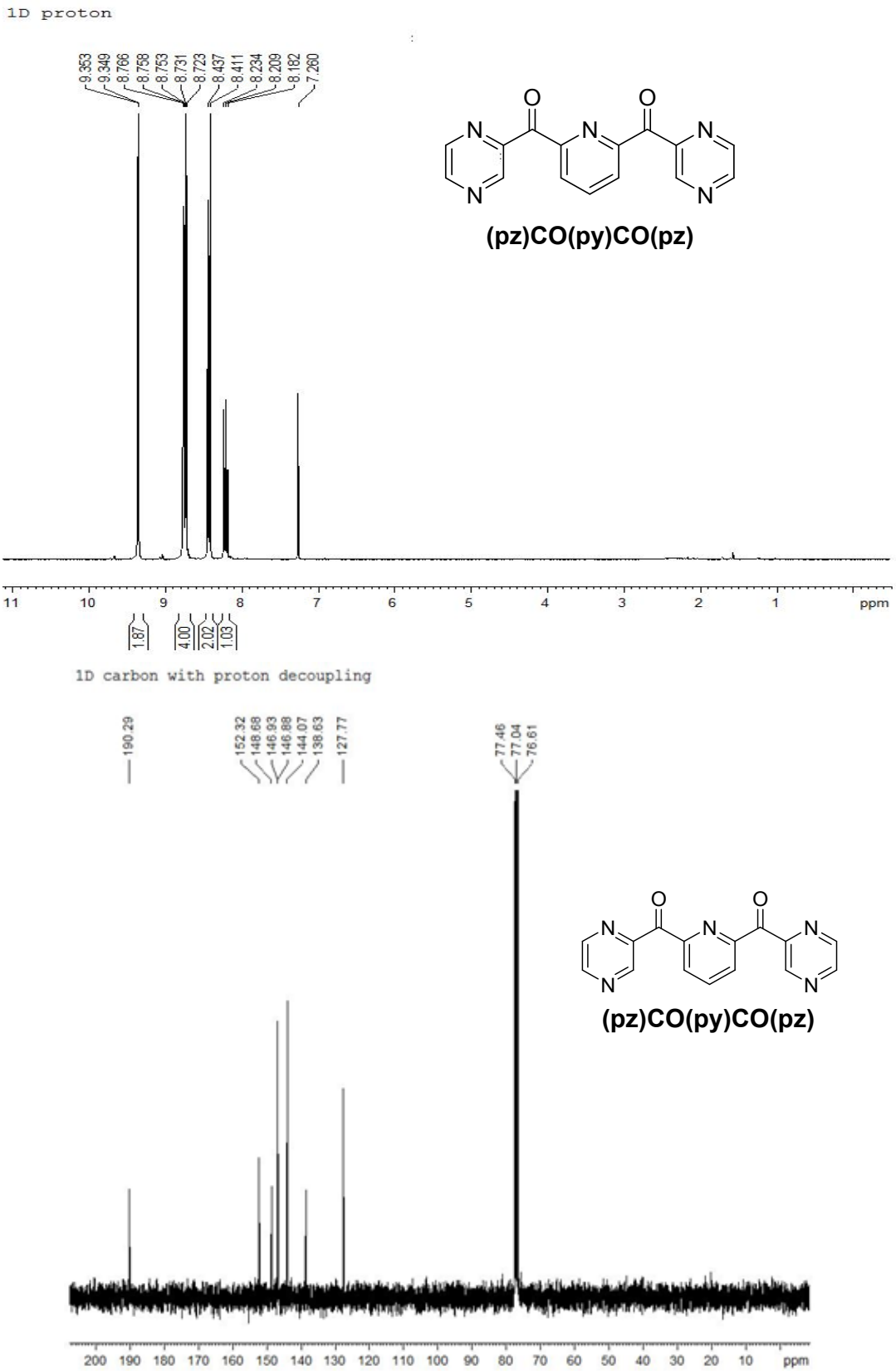


Fig. S3. ^{1}H (top) and ^{13}C (bottom) NMR spectra of the ligand (pz)CO(py)CO(pz) used for the preparation of cluster compound **1**.