

Supplementary Material (ESI) for Dalton Transactions
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**Iron and Cobalt Complexes of 5,5'-di(methylene –N -aminoacidyl)- 2,2'-
Bipyridyl Ligands: Ligand Design for Diastereoselectivity and Anion Binding.**

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Electronic supplementary information

Figure S1. ^1H nmr spectra of the complex $[\text{Co}(\mathbf{1})_3]^{3+}$ in D_2O as a function of pH.

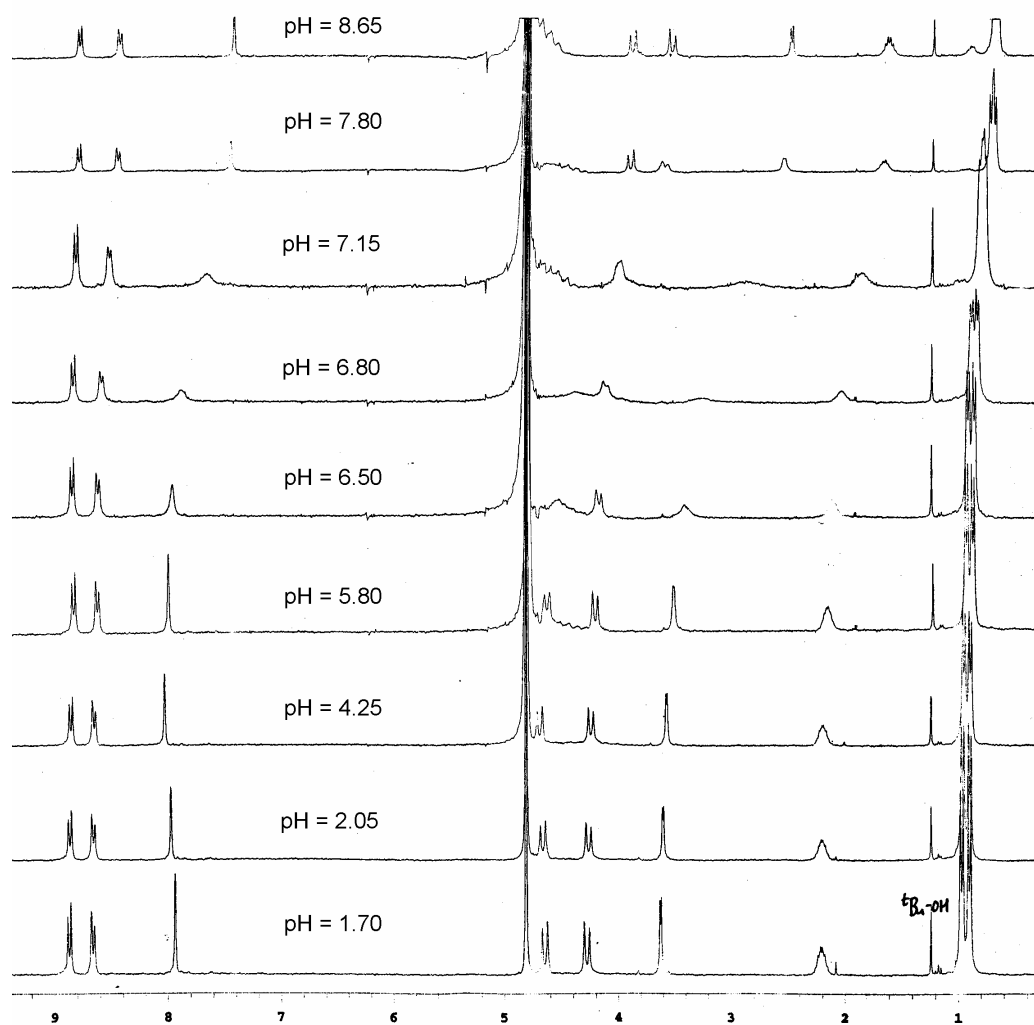


Fig. S2 2D NOESY ^1H NMR spectrum of $[\text{Co}(\mathbf{1})_3\text{Cl}_2]^+$ in CD_3OD . The proton numbering is shown below. The peaks due to the ligand **1** are apparently weak as a result of the large amount of Bu_4NCl present to ensure chloride coordination.

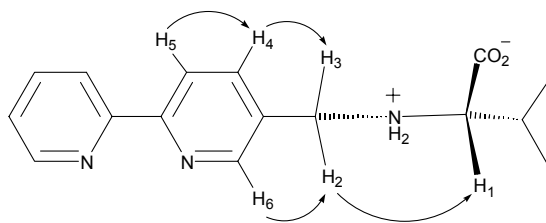
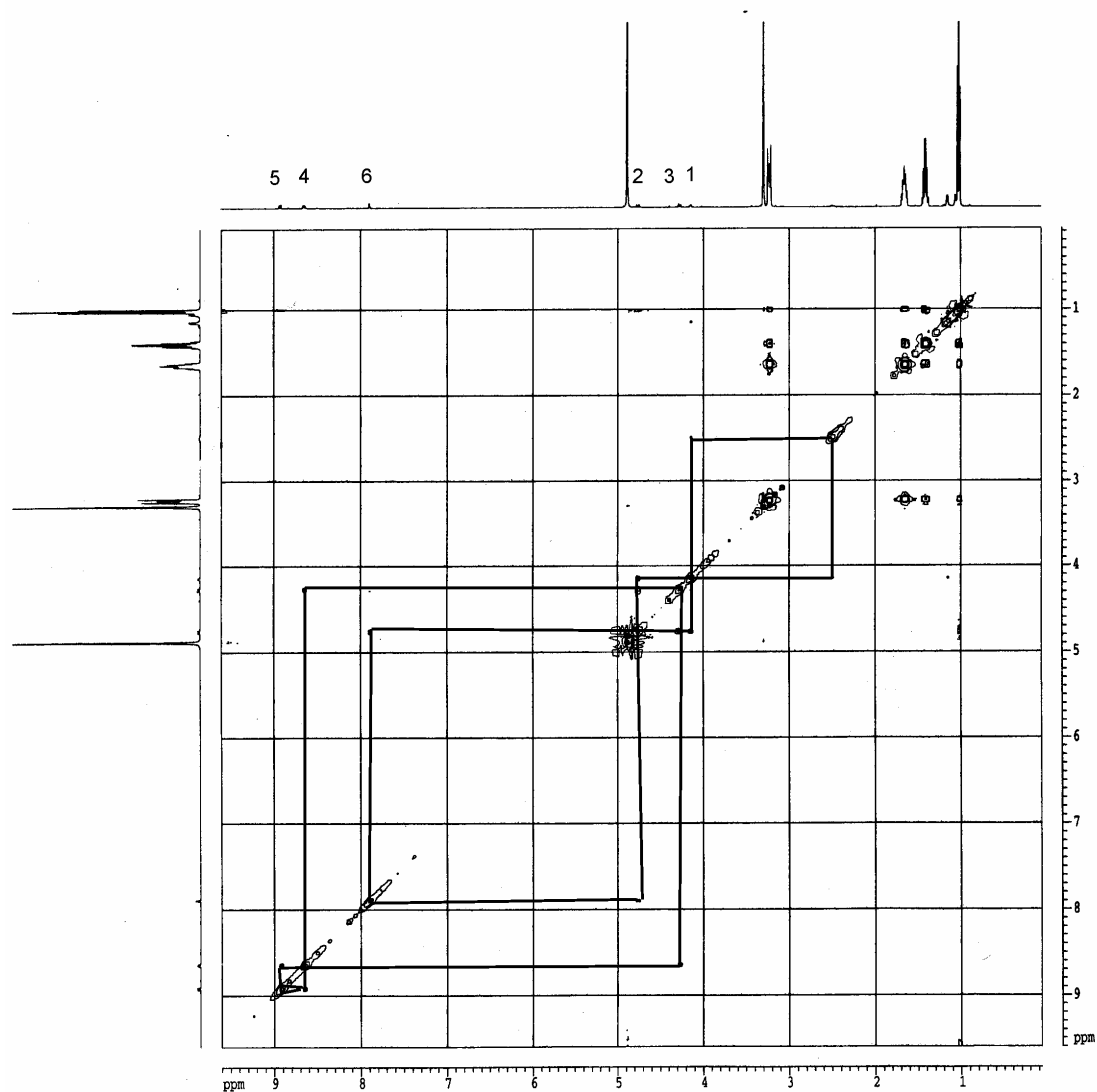


Fig. S3 2D ROESY ^1H NMR spectrum of $[\text{Co}(\mathbf{1})_3]^{3+}$ in D_2O . The proton numbering is shown below.

