Supplementary Material

**Title**:A Proton Transfer and a Cobalt(II) Compound Including 2,6-pyridinedicarboxylate and o-PhenylenediamineIons: Synthesis, Characterization, Crystal Structure and Solution Study

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**Fig. S1.** 1HNMR spectrum of proton transfer compound (OPDH)2(dipic) in DMSO-*d*6



**Fig. S2.** 13C NMR spectrum of proton transfer compound (OPDH)2(dipic) in DMSO-*d*6