Supporting Information for

Slow magnetic relaxation in mononuclear tetrahedral cobalt(II) complexes with 2-(1H-imidazol-2-yl)phenol based ligands

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Figure S1: Magnetization vs. H plots at different temperatures for the complexes $[Co(L^1)_2]$ (1) (top), $[Co(L^2)_2]$ (2) (middle), and $[Co(L^3)_2]$ (3) (bottom); lines represent the simulated values from the best fit parameters (see text); data at 2 K were not used in the fit procedure.



Figure S2: Magnetization vs. B/T plots at different temperatures for the complexes $[Co(L^1)_2]$ (1) (top), $[Co(L^2)_2]$ (2) (middle), and $[Co(L^3)_2]$ (3) (bottom); lines represent the simulated values from the best fit parameters (see text); data at 2 K were not used in the fit procedure.



Figure S3: Temperature dependence of the in-phase χ' ac susceptibility for the complexes $[Co(L^1)_2]$ (1) (top), $[Co(L^2)_2]$ (2) (middle), and $[Co(L^3)_2]$ (3) (bottom) at different frequencies with an applied dc field of 400 Oe; lines are guides for the eye.