Supporting Information

Tuning of Spin Crossover Equilibrium in Catecholatoiron(III) Complexes by Supporting Ligands

Yutaka Hitomi,*[a] Masakazu Higuchi,[a] Hisataka Minami,[a] Tsunehiro Tanaka[a] and Takuzo Funabiki*[b]

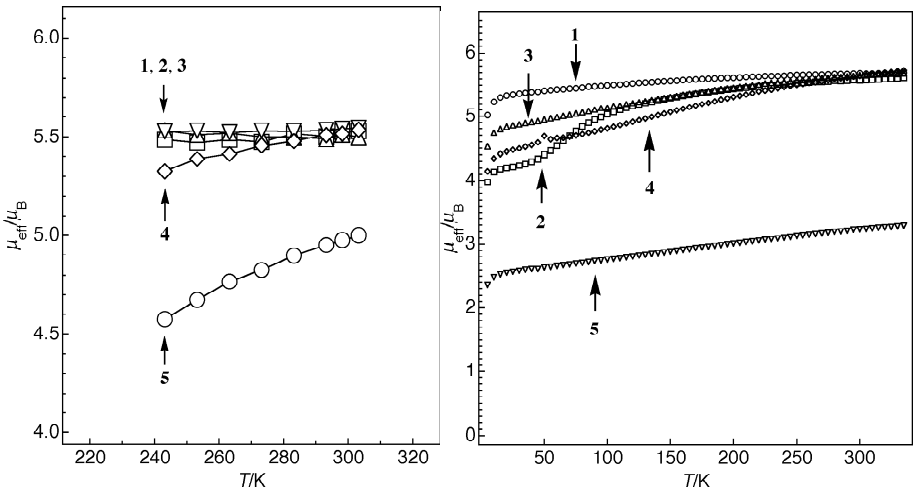
[a] *Department of Molecular Engineering, Kyoto University, Address, Kyoto Daigaku Katsura, Nishikyo-ku, Kyoto 615_8510, Japan. Fax: 81 75 383 2561; Tel: 81 75 383 2562; E-mail: hitomi@moleng.kyoto-u.ac.jp*

[b] *Biomimetics Research Center, Doshisha University, Kyo-Tanabe, Kyoto 610-0321, Japan. E-mail: funabiki@scl.kyoto-u.ac.jp*

Figure S1 Magnetic susceptibility of **1**–**5** in CH_3CN from 243 K to 303 K (left) and in the solid state from 5 K to 340 K (right).

Figure S2 Variable temperature UV-vis-NIR spectra of **1** (A), **2** (B), **3** (C), and **4** (D). The arrows represent the changes as temperature is lowered from 303 K to 243 K.

Figure S3 ^{1}H NMR spectra of **1**–**5** in CD_3CN at 298 K. (a) **1**. (b) **2**. (c) **3**. (d) **4**. (e) **5**.



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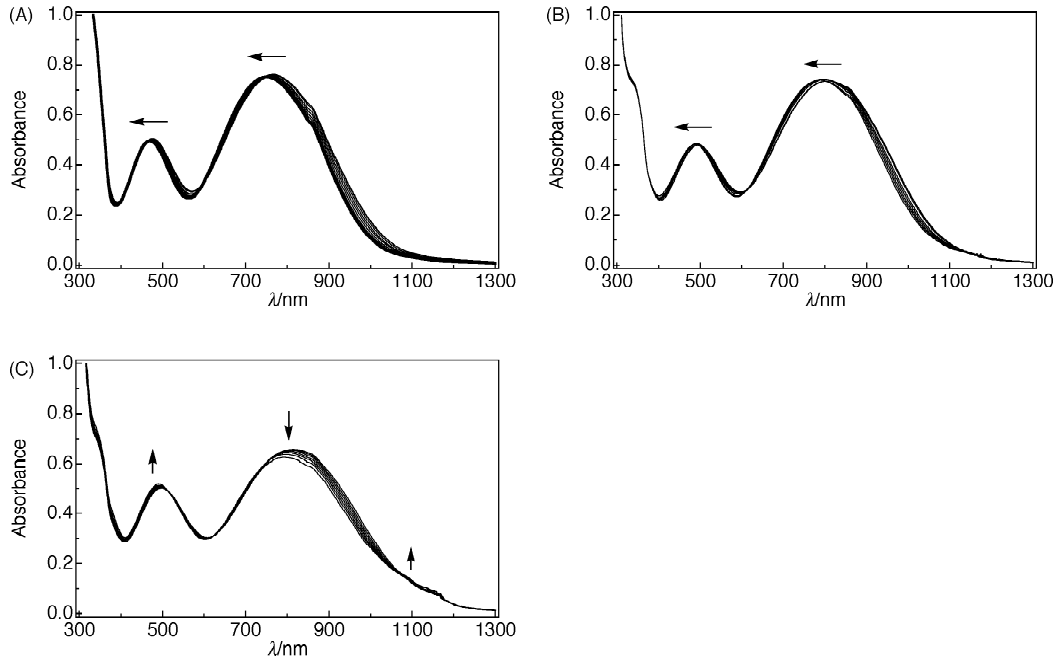

Figure S2 Variable temperature UV-Vis-NIR spectra of **1** (A), **3** (B), and **4** (C). The arrows represent the changes as temperature is lowered from 303 K to 243 K.

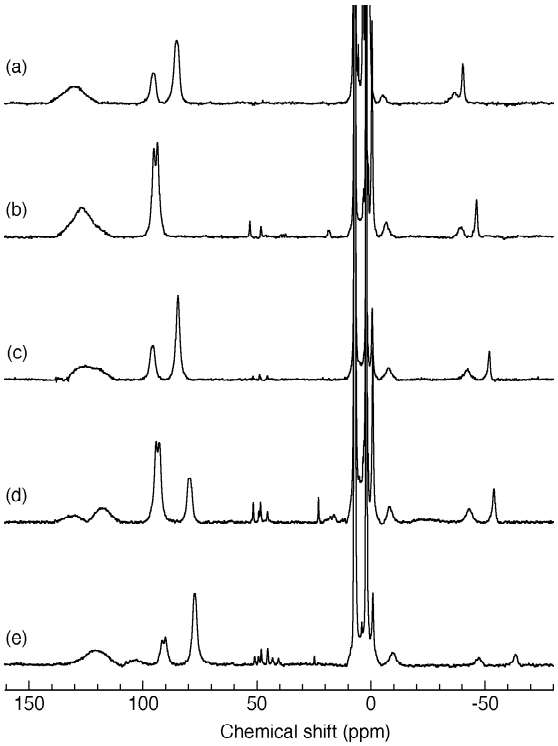

Figure S3 ^{1}H NMR spectra of **1**–**5** in CD_3CN at 298 K. (a) **1**. (b) **2**. (c) **3**. (d) **4**. (e) **5**.