ESI to accompany:

The surprising lability of bis(2,2':6',2''-terpyridine) chromium(III) complexes

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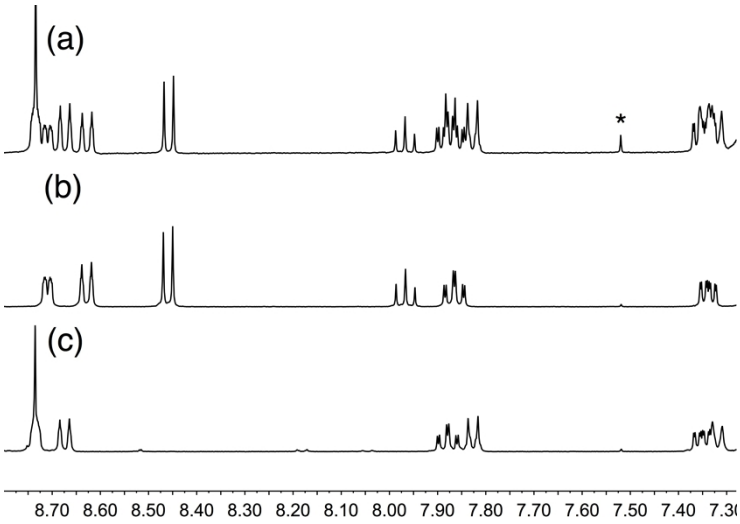

Fig. S1. Aromatic regions of the ^{1}H NMR spectra (400 MHz, $CDCl_3$) of (a) soluble material collected after filtration (see text), (b) tpy, (c) 4'-(4-tolyl)tpy. In (a), signal marked * arises from one of the ^{13}C satellite peaks of residual $CHCl_3$.

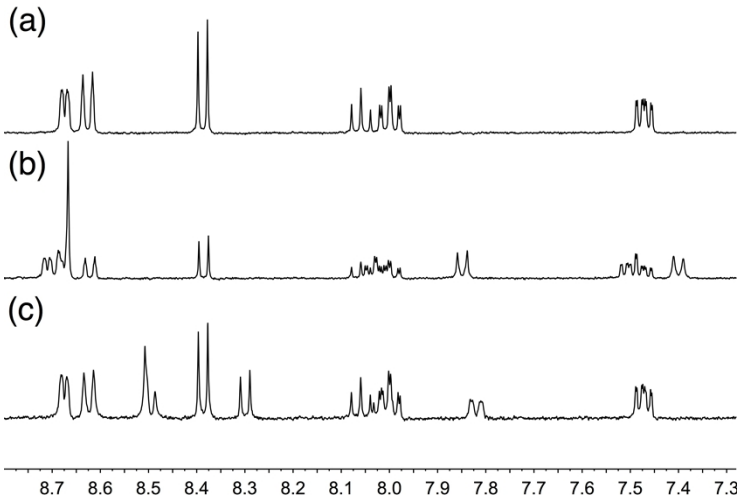

Fig. S2. Aromatic regions of the ^{1}H NMR spectra (400 MHz, CD_3OD) of (a) $[Cr(tpy)_2][PF_6]_3$, (b) $[Cr(tpy)(4'\text{-}(4\text{-tolyl})tpy)][PF_6]_3$ and (c) $[Cr(tpy)(5,5''\text{-}Me_2tpy)][PF_6]_3$ each after the addition of NaOH.

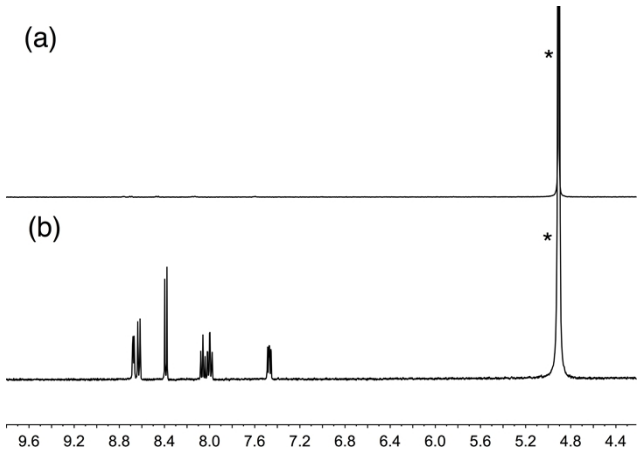

Fig. S3 Aromatic regions of the ^{1}H NMR spectra (400 MHz) of a CD_3OD solution of $[Cr(tpy)_2][PF_6]_3$ (a) before the addition of NaOH and (b) after the addition of NaOH. The peak labelled * is residual solvent.

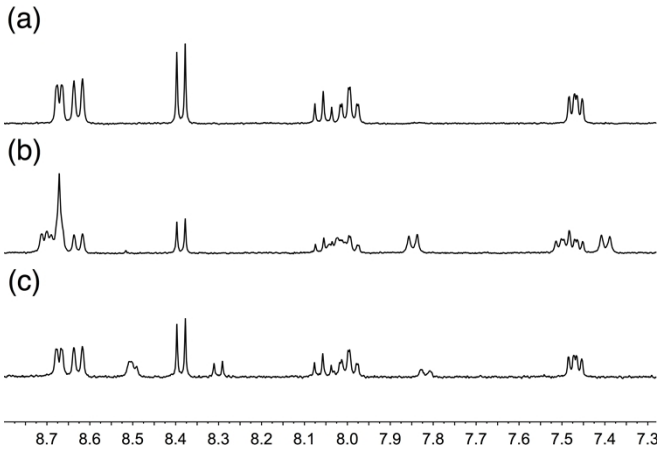

Fig. S4. Aromatic regions of the ^{1}H NMR spectra (400 MHz, CD_3OD) of (a) $[Cr(tpy)_2][PF_6]_3$ after the addition of $[^{n}Bu_4N]F$, (b) $[Cr(tpy)(4'\text{-}(4\text{-tolyl})tpy)][PF_6]_3$ after the addition of $[^{n}Bu_4N]F$, and (c) $[Cr(tpy)(5,5''\text{-}Me_2tpy)][PF_6]_3$ after the addition of $[^{n}Bu_4N]F$.