

Supporting Information

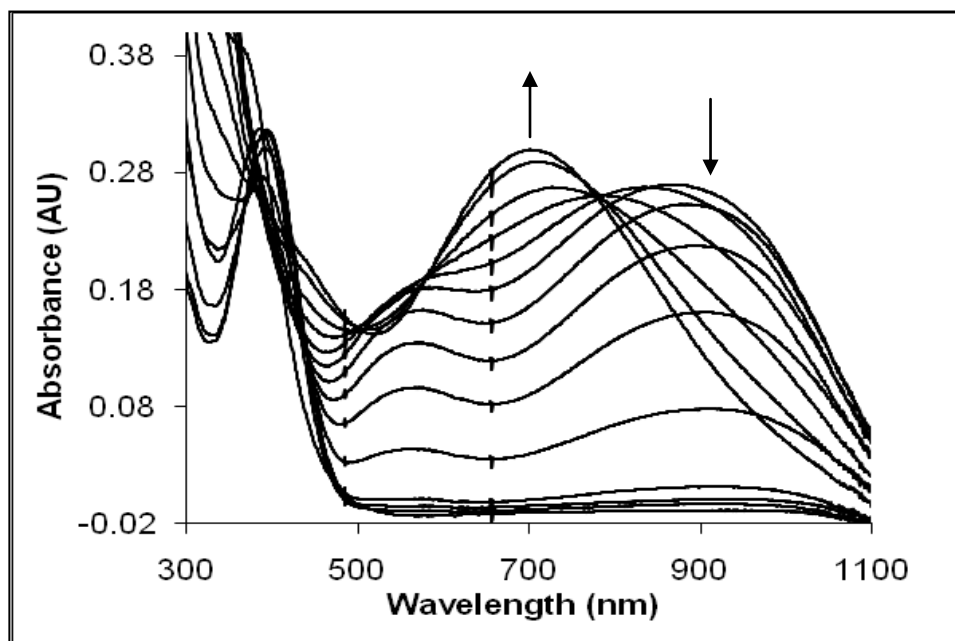


Figure S1. Spectrophotometric titration of a solution of equimolar amounts of $[\text{Fe}(\text{L}1)\text{Cl}_2]$ **1** (2×10^{-4} M) and 3,5-di-*tert*-butylcatechol (H_2DBC) against triethylamine in methanol.

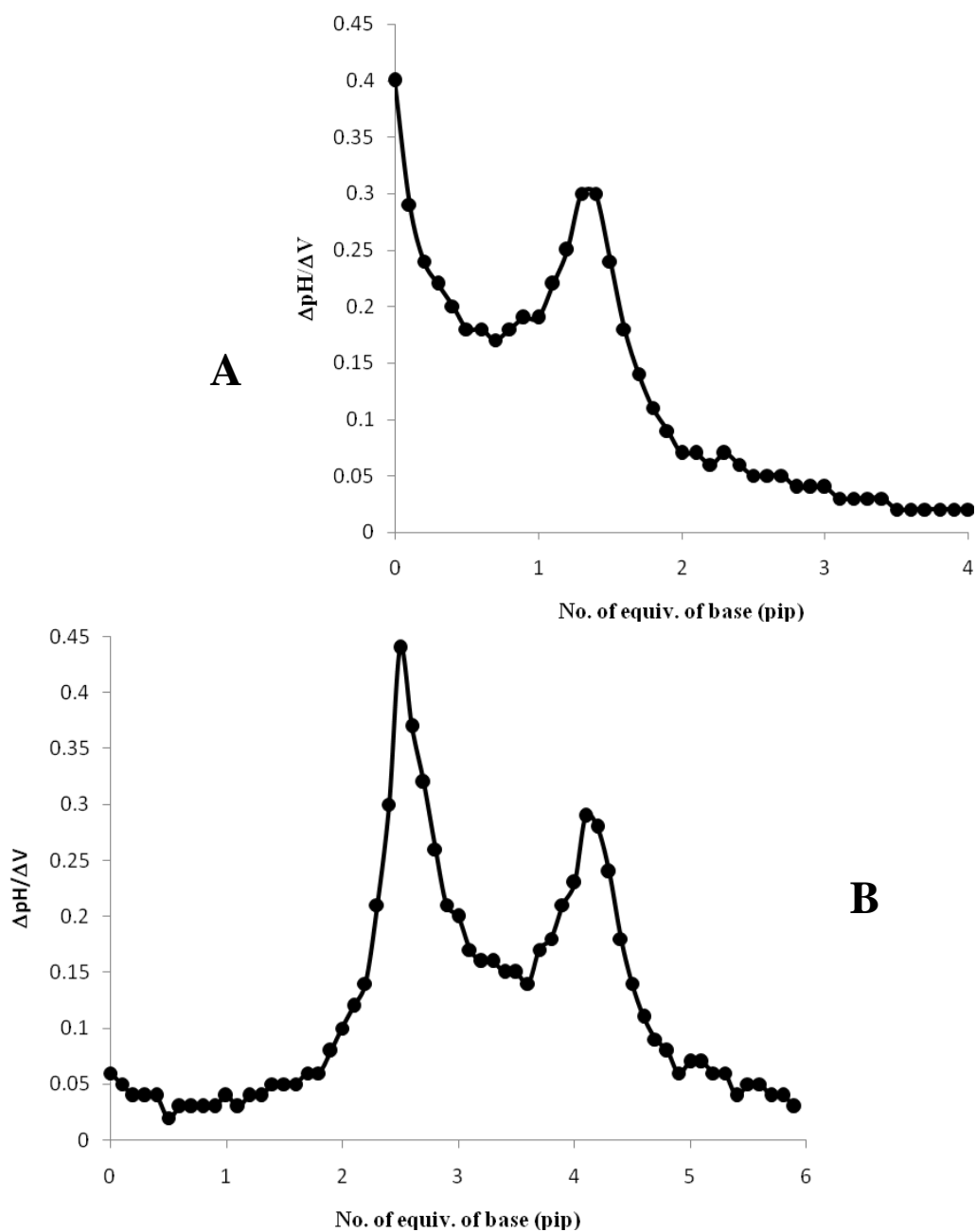


Figure S2. A. pH titration of an equimolar mixture of complex **1** (4×10^{-4} M), and H_2DBC against piperidine in methanol solution. B. pH titration of an equimolar mixture of complex **1** (4×10^{-4} M), $HClO_4$ and H_2DBC against piperidine in methanol solution.