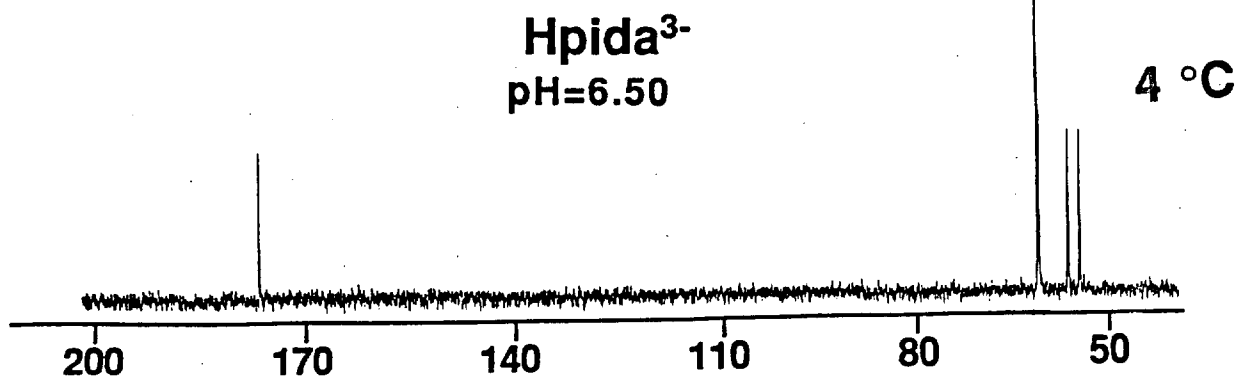
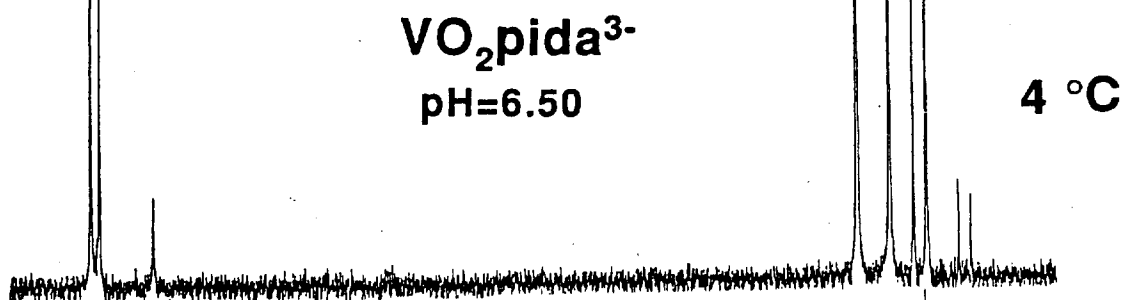
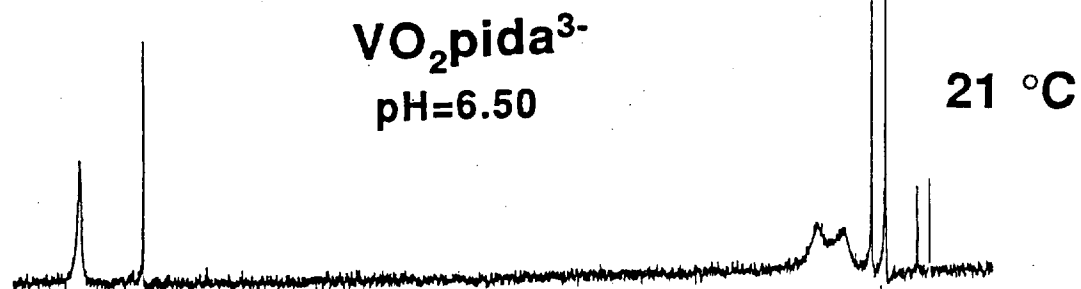


Supporting Data

Fig. S1 ^{13}C NMR spectra of $\text{VO}_2\text{pida}^{3-}$ at pH 6.58 at 21°C (top), at pH 6.56 at 4°C (middle) and at 4°C for free ligand (bottom).

Fig. S2 Visible spectra of dissolved crystalline $\text{Na}_4(\text{VO})_2\text{pida}_2$ species in 50:50 (v/v) dioxane:water (2.0 and 8.0 mM) after different times of incubation: 2.0 mM and 0 days (pH 5.5); 2.0 mM and 2 days (pH 3.9); 2.0 mM and 3 days (pH 3.7); 8.0 mM and from 0 day (pH 5.3) to 3 day (pH 5.0) (no change in visible spectra), (broken lines). These results show that the spectra are time and concentration dependent.

**^{13}C 76 MHz NMR
V-PIDA complex
(3,1,1)**



enlarged spectrum

$\text{VO}_2\text{pida}^{3-}$
pH=6.50

4 °C

