

# Inorganic Chemistry

including bioinorganic chemistry

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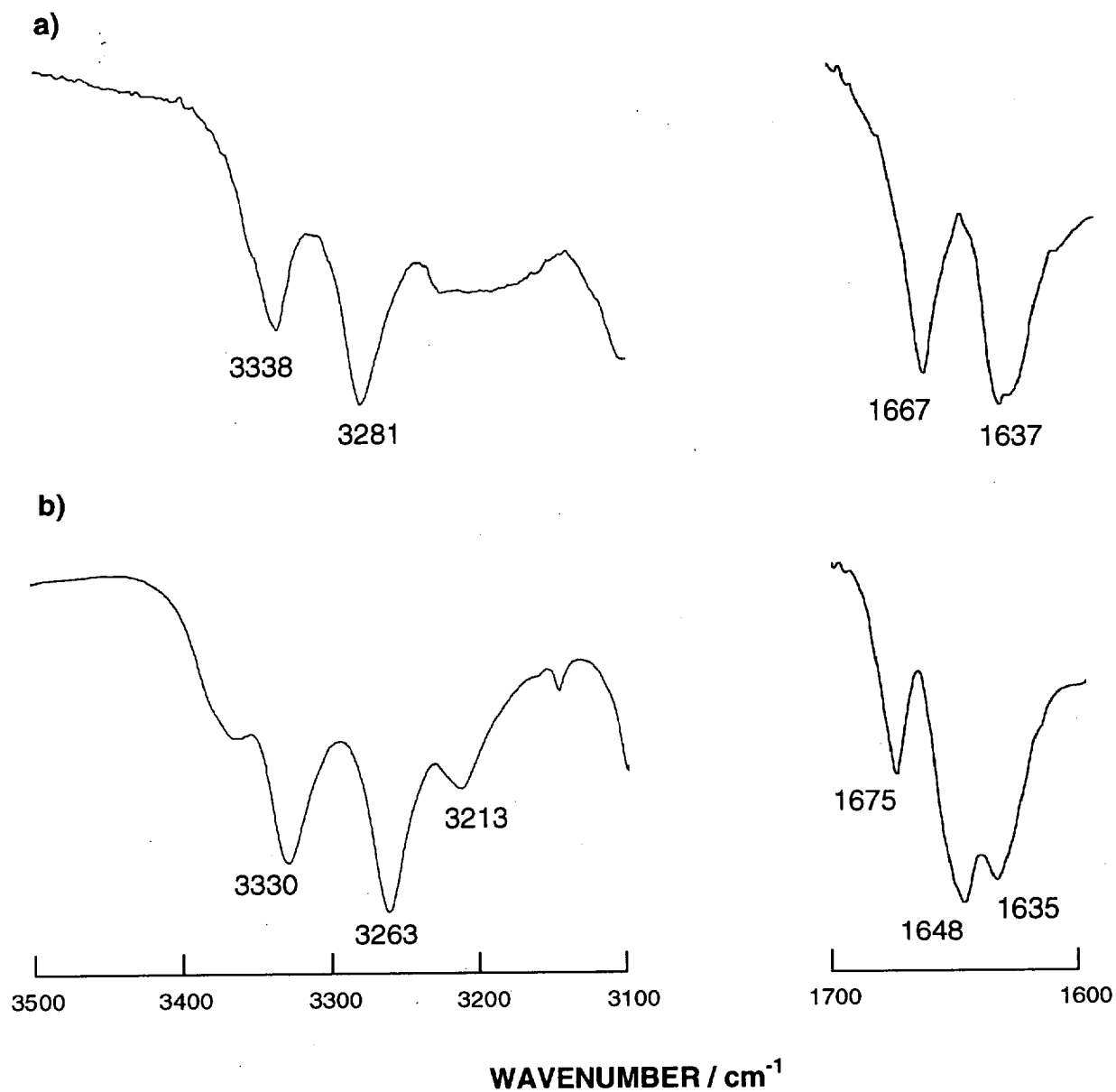


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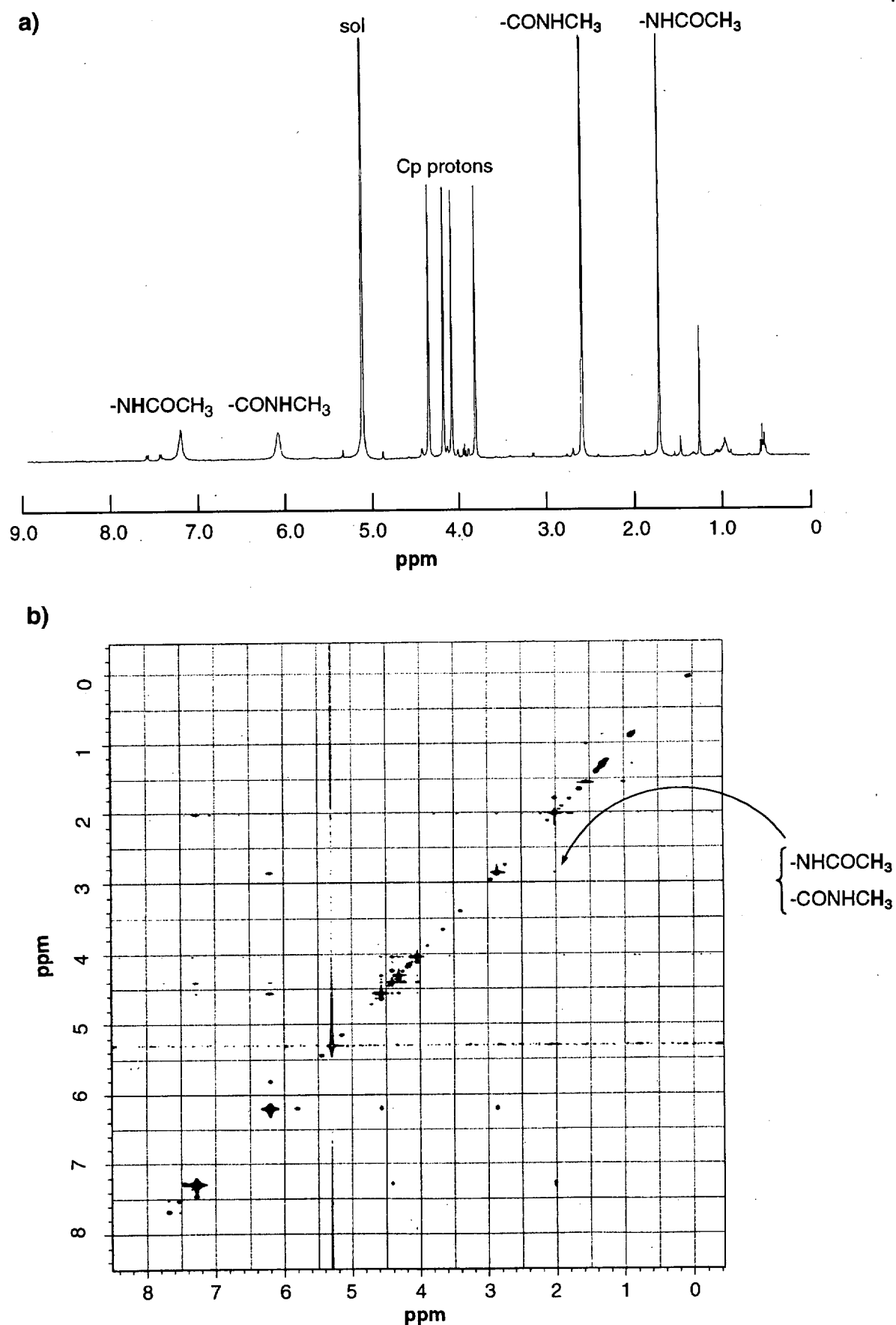
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**Figure S1.** IR spectra of a)  $[(\text{CH}_3\text{CONHC}_5\text{H}_4)\text{Fe}(\text{C}_5\text{H}_4\text{CONHCH}_3)]$  (**5**) and b)  $[(\text{CH}_3\text{CONHC}_5\text{H}_4)\text{Fe}(\text{C}_5\text{H}_4\text{CONHC}_5\text{H}_4)(\text{C}_5\text{H}_4\text{CONHCH}_3)]$  (**7**) in the solid state (Nujol mull).

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**Figure S2.** a) 1D  $^1\text{H}$  NMR (400 MHz) and b) NOESY (600 MHz) spectra of  $[(\text{CH}_3\text{CONHC}_5\text{H}_4)\text{Fe}(\text{C}_5\text{H}_4\text{CONHCH}_3)]$  (**5**) in 10 mM  $\text{CD}_2\text{Cl}_2$  at 303 K.