

Supplementary Information

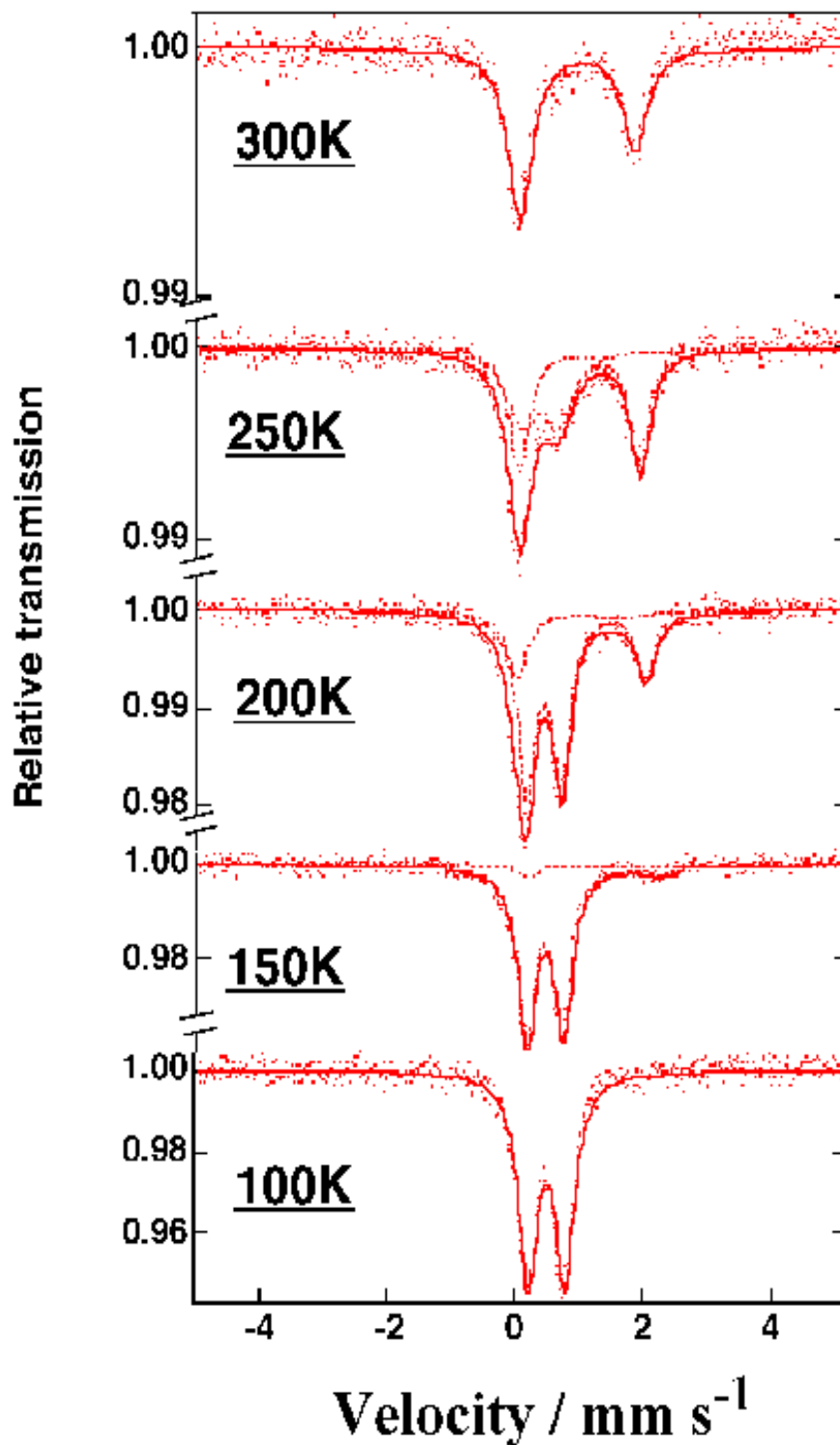


Figure S1 Mössbauer spectra of complex 1

Fig. S1: Mössbauer spectra of complex 1 at 296, 250, 200, 150 and 100 K from the top to the bottom.

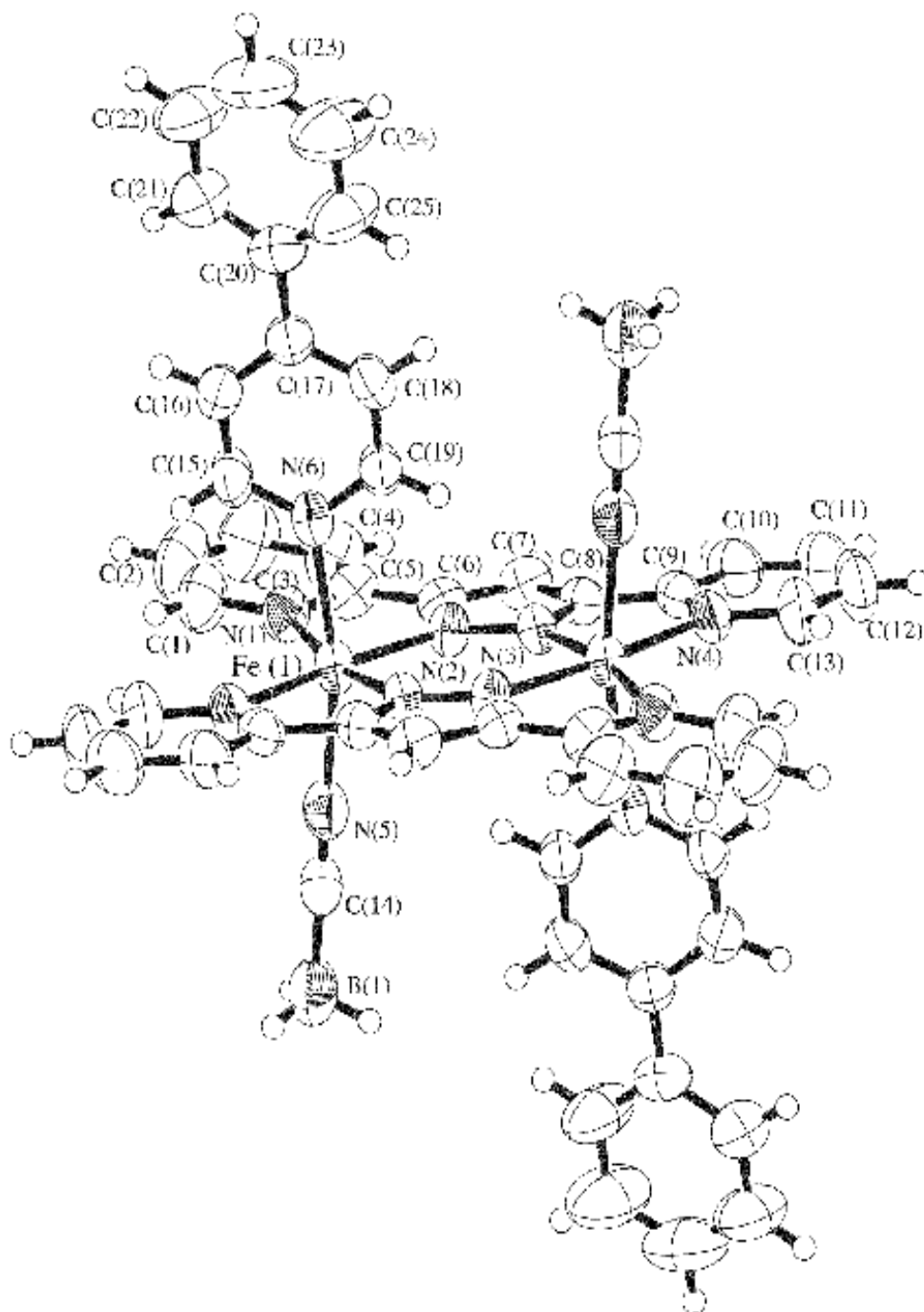


Figure S2 ORTEP drawing with atom numberings of 1 at 300 K.

Fig. S2: ORTEP drawing of complex 1 at 296 K.

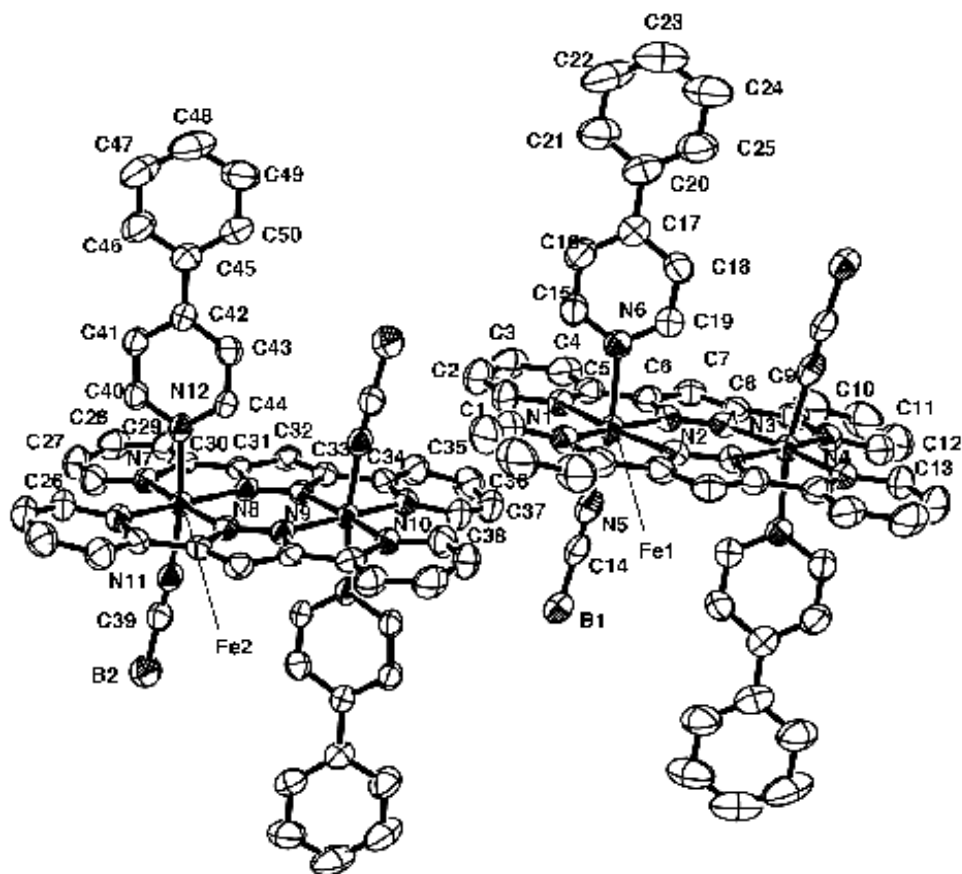


Figure S3 ORTEP drawing with atom labelings of 1; at 200 K.

Fig. S3: ORTEP drawing of complex 1 at 200 K.

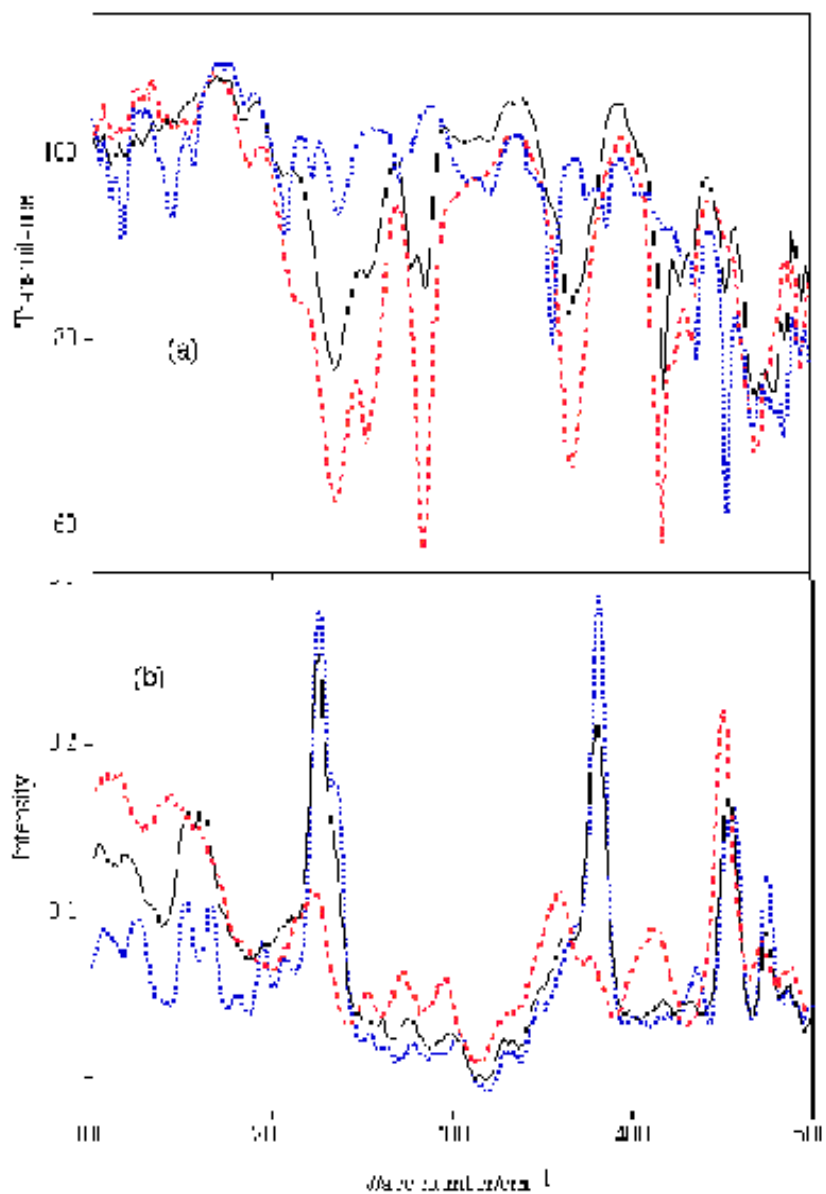


Figure S4 (a) IR (a) and Raman spectra (b) of **1** at 296 K (—), 200 K (---) and 100 K (···).

Fig. S4: Far IR (a) and Raman spectra (b) of complex **1** at 296 K (—), 200 K (---) and 100 K (···).