

Supporting Material

Interpenetrating Diruthenium Tetraformate Monocation, [Ru^{III/II}₂(O₂CH)₄]⁺, Based 3-D Molecule-based Magnets

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Fig. S1. IR spectra of the products from the reactions [Ru₂(O₂CH)₄]⁺ with [M(CN)₆]³⁻ [M = Co (a), Fe (b)].

Fig. S2. IR spectra of the products from the reactions [Ru₂(O₂CH)₄]⁺ with KCN (a) and with [Cr(CN)₆]³⁻ (b).

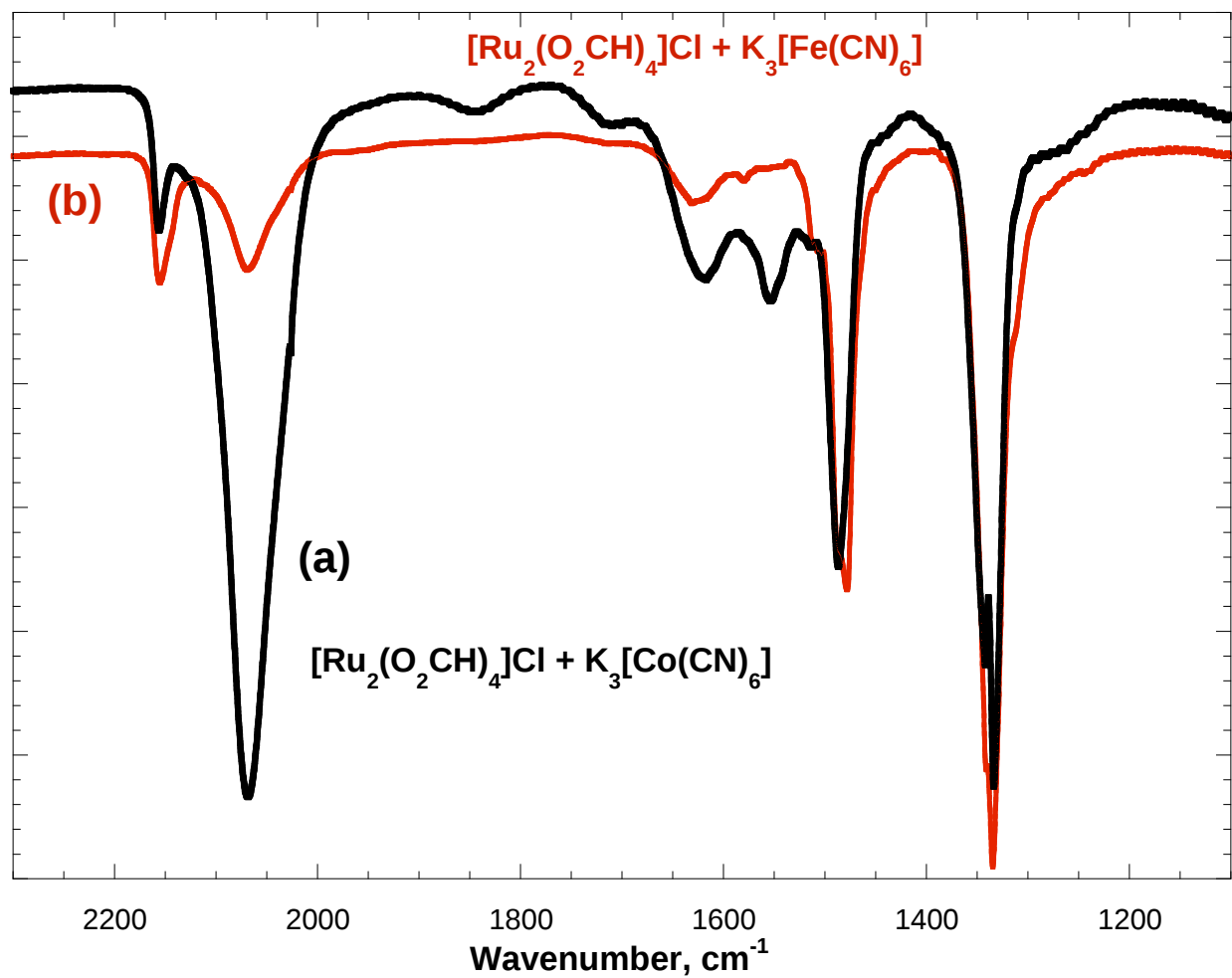


Fig. S1 IR spectra of the products from the reactions [Ru₂(O₂CH)₄]⁺ with [M(CN)₆]³⁻ [M = Co (a), Fe (b)].

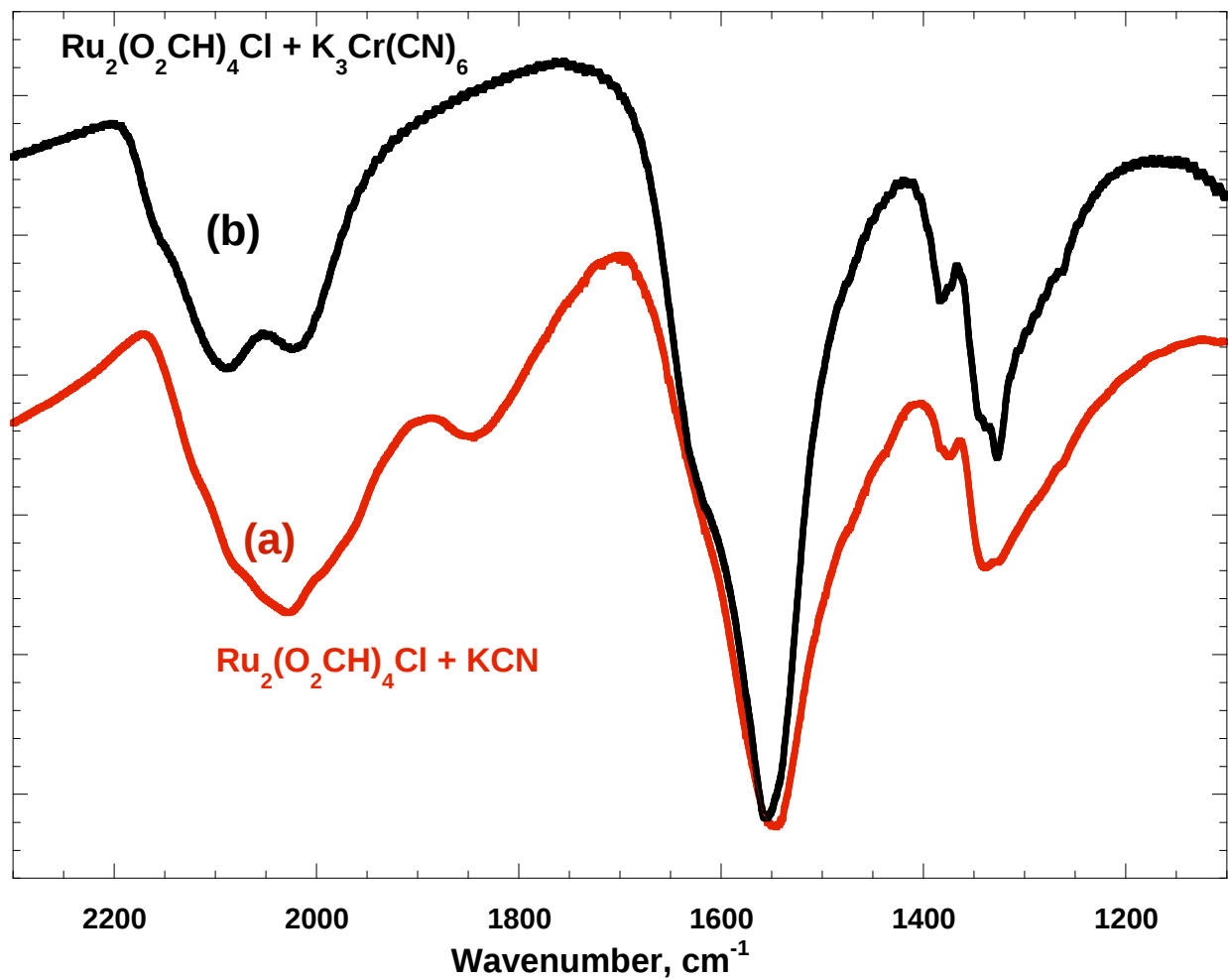


Fig. S2 IR spectra of the products from the reactions [Ru₂(O₂CH)₄]⁺ with KCN (a) and with [Cr(CN)₆]³⁻ (b).