

Supporting Information

AsMo₇O₂₇—Bridged Dinuclear Sandwich-type Heteropolymolybdates of Cr(III) and Fe(III): Magnetism of [MM'(AsMo₇O₂₇)₂]¹²⁻ with MM' = FeFe, CrFe and CrCr

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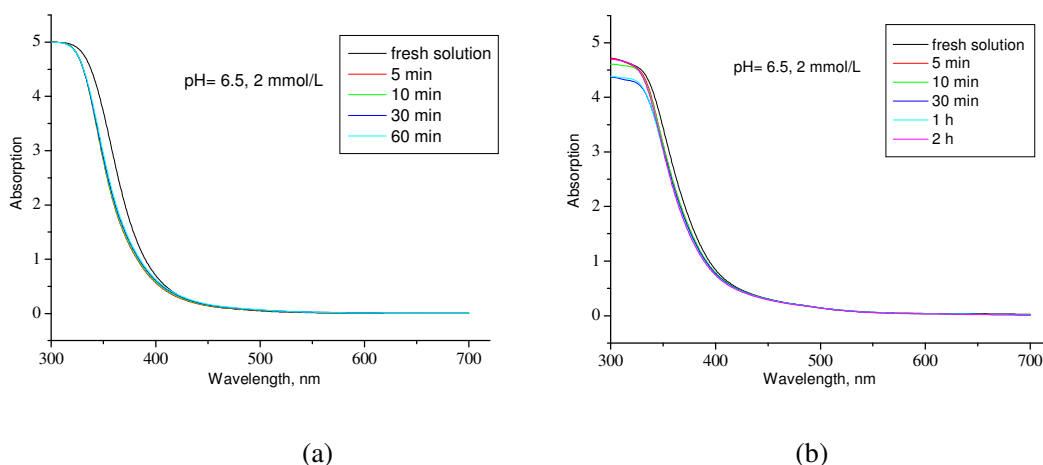


Figure S1. Time profile of the electronic absorption spectra of a 2 mM aqueous solution (pH = 6.5) of (NH₄)₁₂[Fe₂(AsMo₇O₂₇)₂]·12H₂O (a) and (NH₄)₁₂[FeCr(AsMo₇O₂₇)₂]·13H₂O (b).

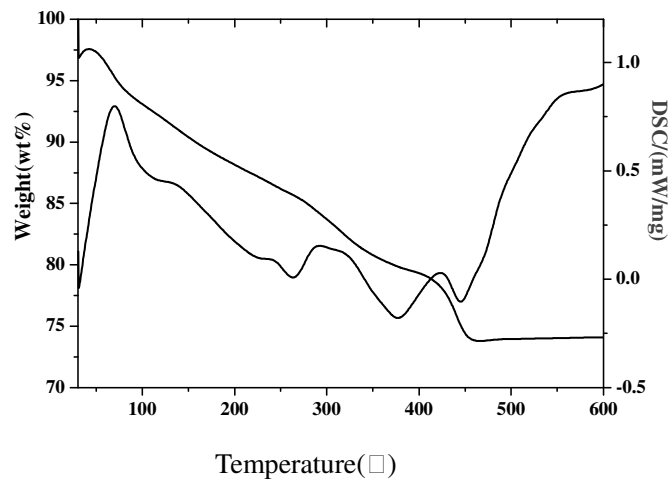


Figure S2. The TG-DSC curve of compound 1

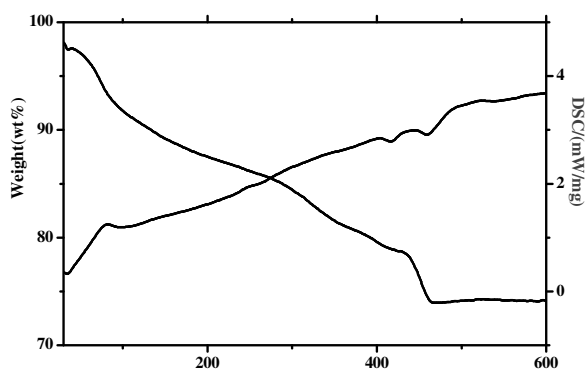


Figure S3. The TG-DSC curve of compound 2

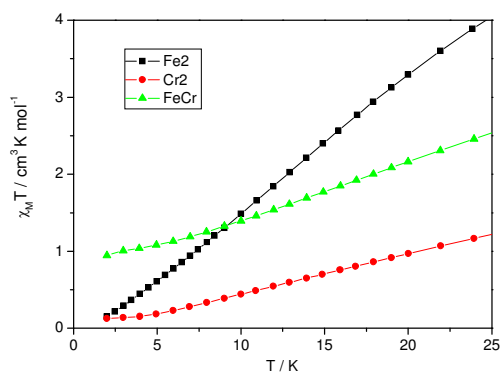


Figure S4. Plot of the $\chi_M T$ ($\text{cm}^3 \text{mol}^{-1} \text{K}$) of complexes 1-3 in 2.0-25 K.

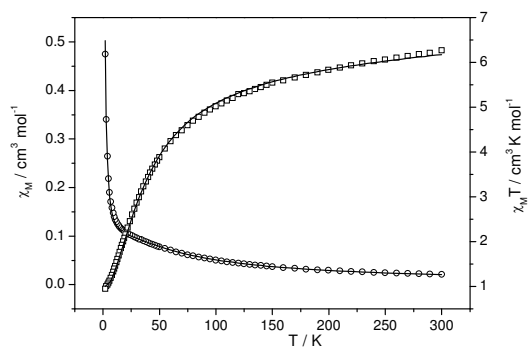


Figure S5. The χ_M and $\chi_M T$ plots for compound **2**: (circles and squares) experimental results; (solid lines) best theoretical fit.