

Electronic Supplementary Information (ESI)

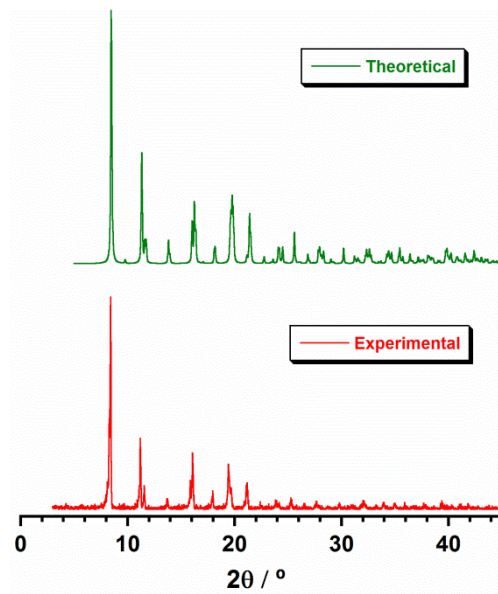
Ferromagnetic exchange interaction in a new Ir(IV)-Cu(II) chain based on the hexachloroiridate(IV) anion

Adrián Sanchis-Perucho and José Martínez-Lillo*

Instituto de Ciencia Molecular (ICMol)/Departament de Química Inorgànica, Universitat de València, c/ Catedrático José Beltrán 2, 46980, Paterna, Valencia, Spain. E-mail: f.jose.martinez@uv.es

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a)



b)

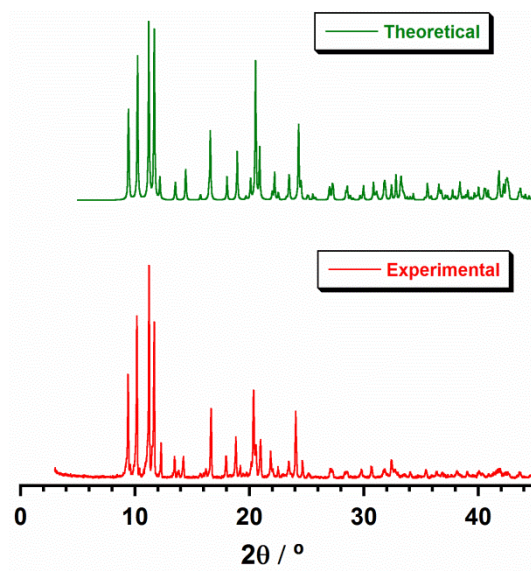


Figure S1. Plot of the theoretical and experimental XRD patterns profile ($2\theta/^\circ$) in the range 0 - 45° for **1** (a) and **2** (b).

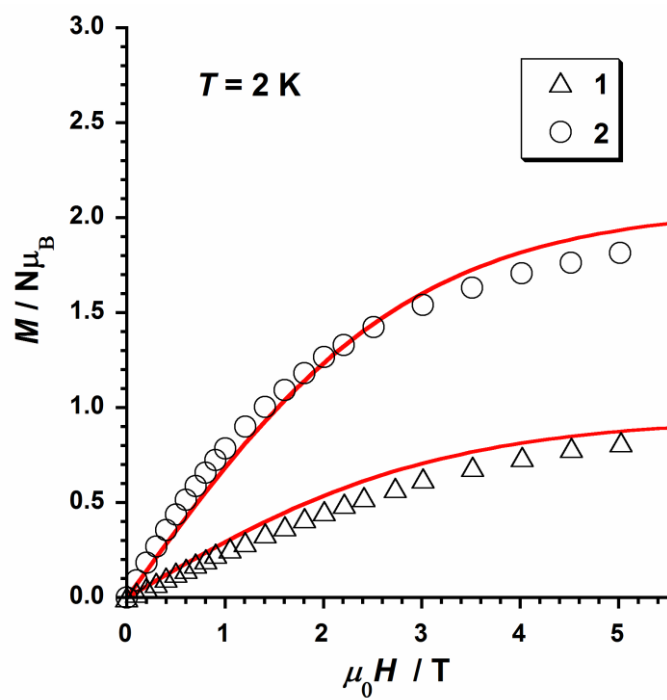


Figure S2. Plot of the variable-field magnetisation *versus* applied field at 2.0 K for **1** (triangles) and **2** (circles). The respective Brillouin curves (red solid lines) were obtained with the g values calculated from the fit of the $\chi_M T$ *versus* T plots (g values of 1.90 and 2.06 for **1** and **2**, respectively).