

(Diaqua)hexakis(4,4,4-trifluoro-1-(1-methyl-1*H*-pyrazol-4-yl)butane-1,3-dionato- $\kappa^2\text{O},\text{O}'$)(μ -(1,4-dioxane))digadolinium (III), Solvate with Two Molecules of 1,4-Dioxane

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Supporting Information

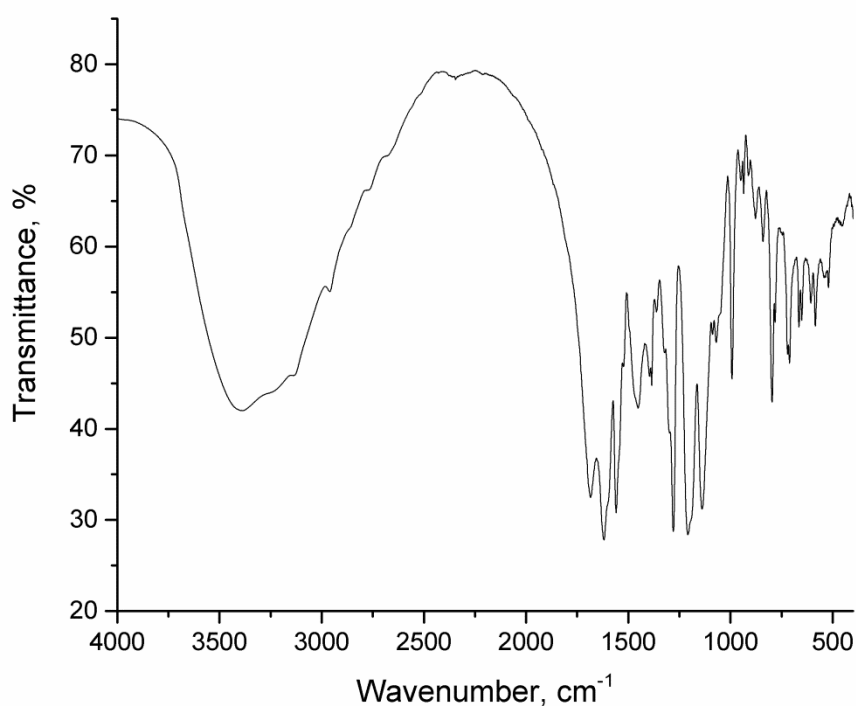


Figure S1. FTIR spectrum of complex **2** in KBr pellet.

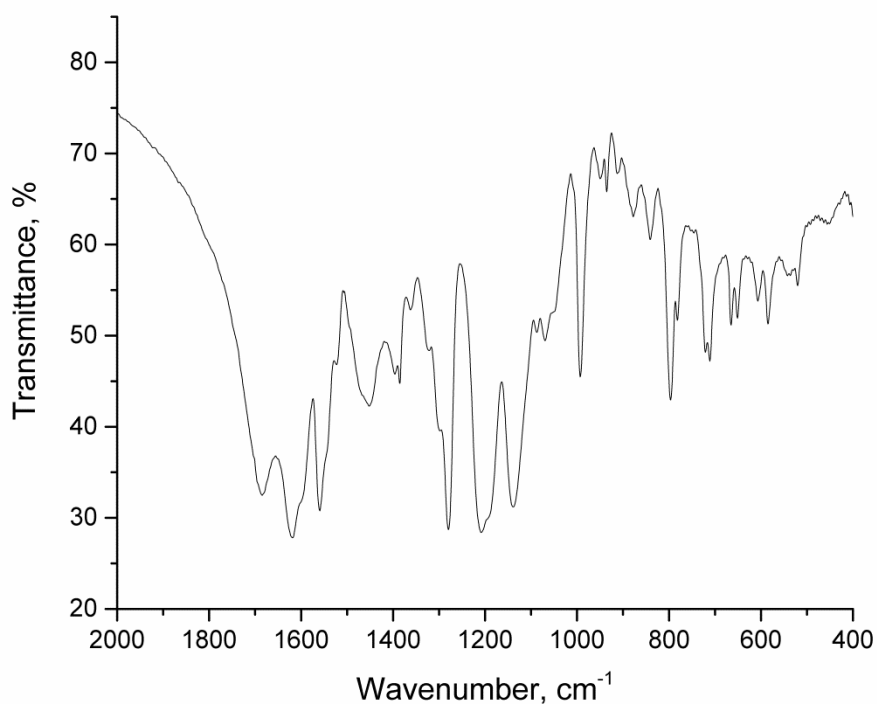


Figure S2. FTIR spectrum of complex **2** in KBr pellet (extended region 2000-400 cm^{-1})

IR: 3600-3200 (wide, m); 3132 (vw); 2960(vw); 2768(vw); 2673(vw); 1684 (vs); 1618 (vs); 1559 (s); 1523 (w); 1452 (m); 1390 (w); 1362 (vw); 1295 (vw); 1280 (vs); 1208 (vs); 1139 (s); 1087 (vw); 1069 (w); 993 (s); 950 (vw); 935 (w); 878 (w); 841 (w); 797 (s); 786 (vw); 721 (m); 711 (m); 665 (m); 651 (vw); 585 (w); 520 (vw); 456 (vw).

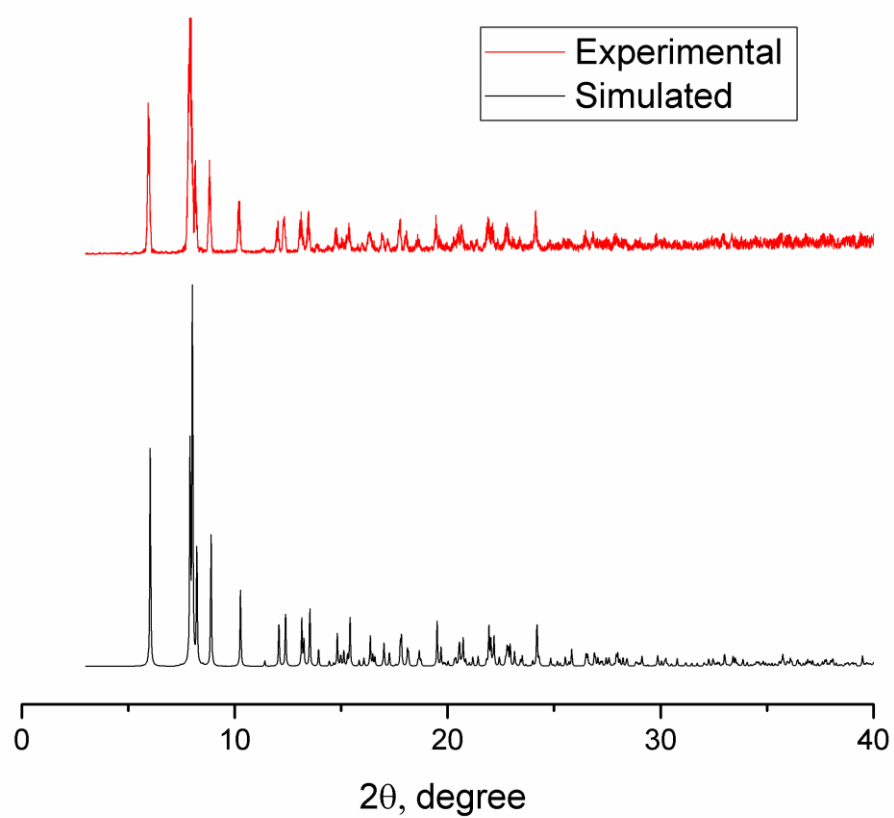


Figure S3. Experimental and simulated from single-crystal data XPD patterns for complex 2.