

Electronic Supplementary Information (ESI) for the manuscript “In Situ Cyclodehydration of Iminodiacetic acid into 2,5-Diketopiperazine-1,4-diacetate in the Lanthanide-Based Coordination Polymers”

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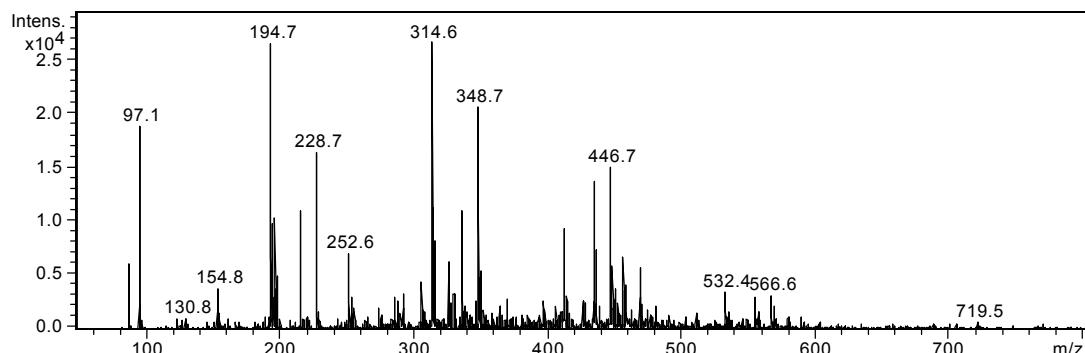


Figure S1-1 The electrospray mass spectrum for residual solution of the reaction of IDA + ox + $\text{HNO}_3 + \text{Dy}_2\text{O}_3$ (-MS)

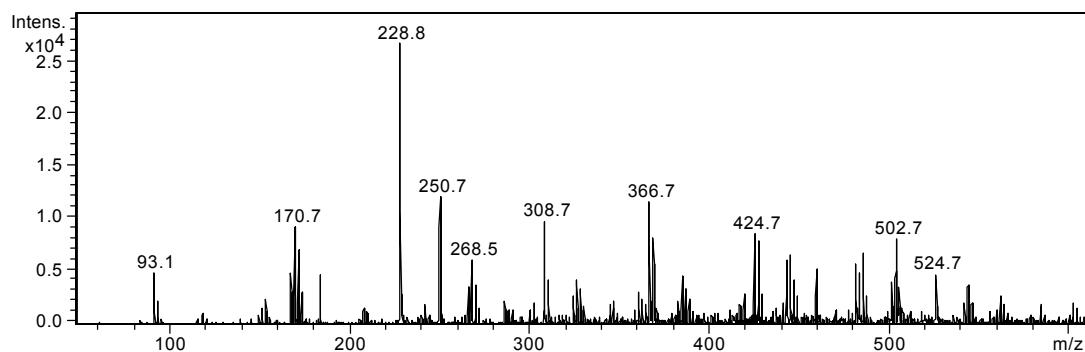


Figure S1-2 The electrospray mass spectrum for residual solution of the reaction of IDA + ox + Dy_2O_3 (-MS)

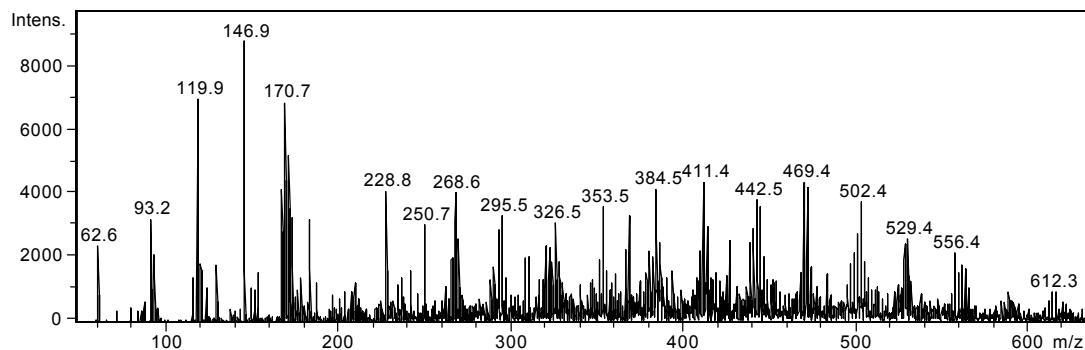


Figure S1-3 The electrospray mass spectrum for residual solution of the reaction of IDA + $\text{HNO}_3 + \text{Dy}_2\text{O}_3$ (-MS)

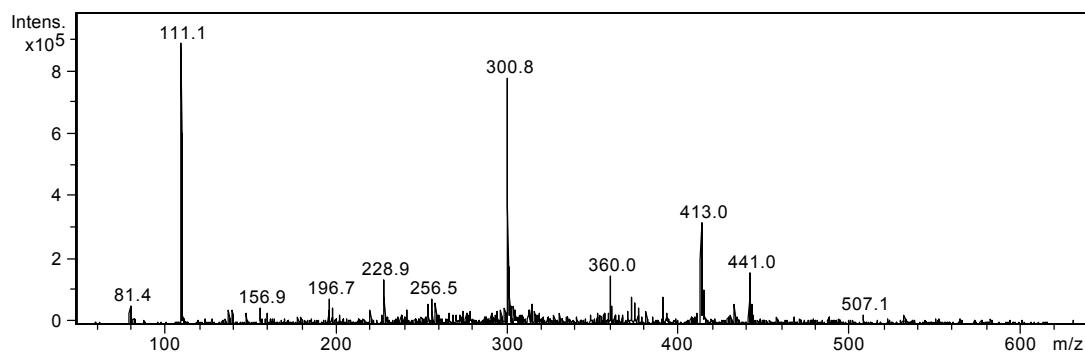


Figure S1-4 The electrospray mass spectrum for residual solution of the reaction of IDA + Dy₂O₃ (-MS)

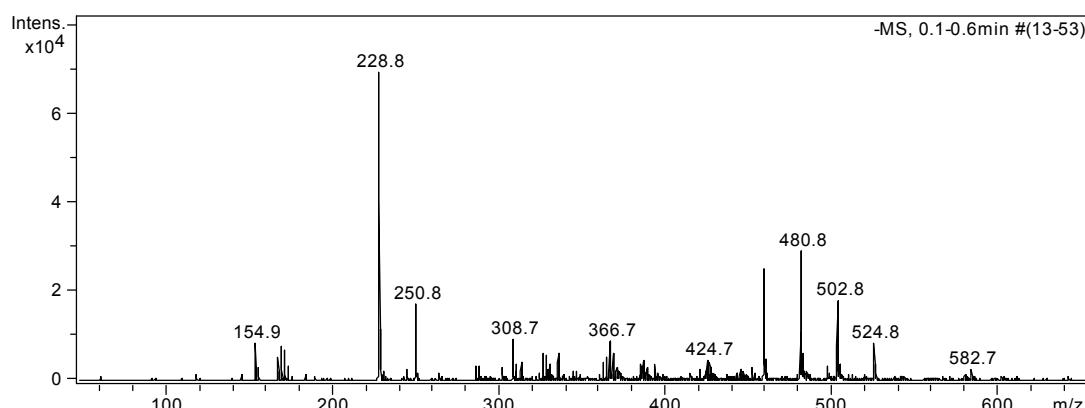


Figure S1-5 The electrospray mass spectrum for residual solution of the reaction of IDA + ox + HNO₃ + Eu₂O₃ (-MS)

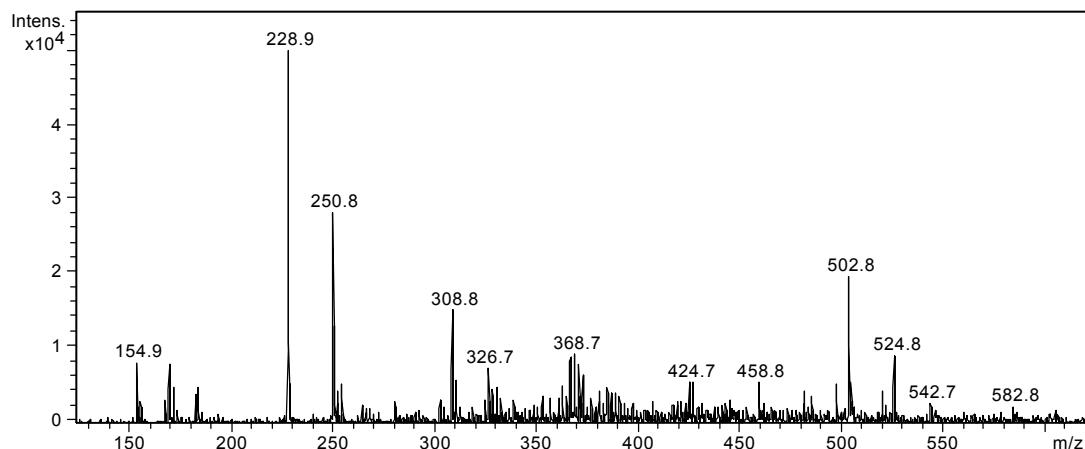


Figure S1-6 The electrospray mass spectrum for residual solution of the reaction of IDA + ox + HNO₃ + Pr₂O₃ (-MS)

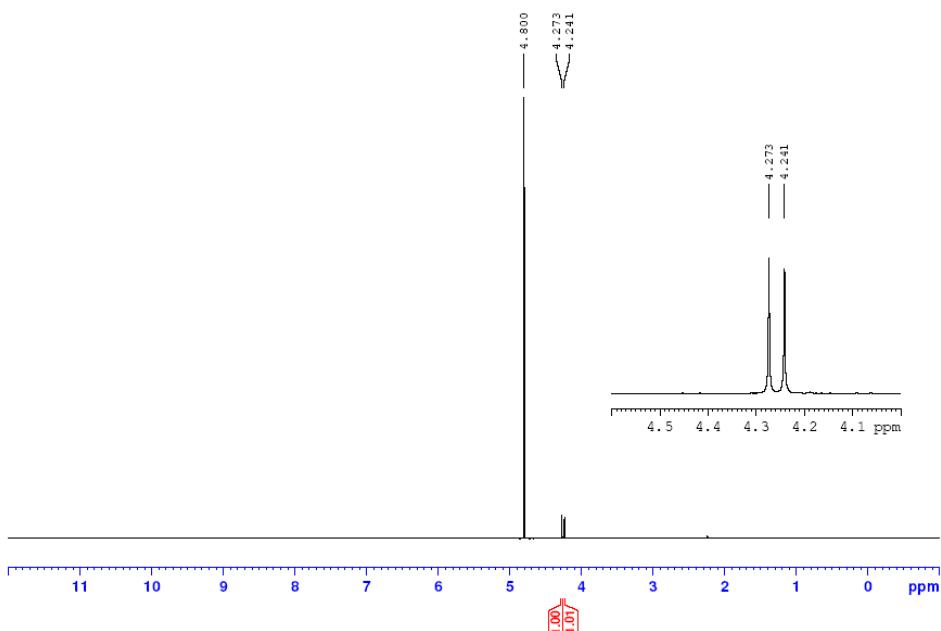


Fig. S2 ^1H NMR spectrum for 2,5-diketopiperazine-1,4-diacetic acid

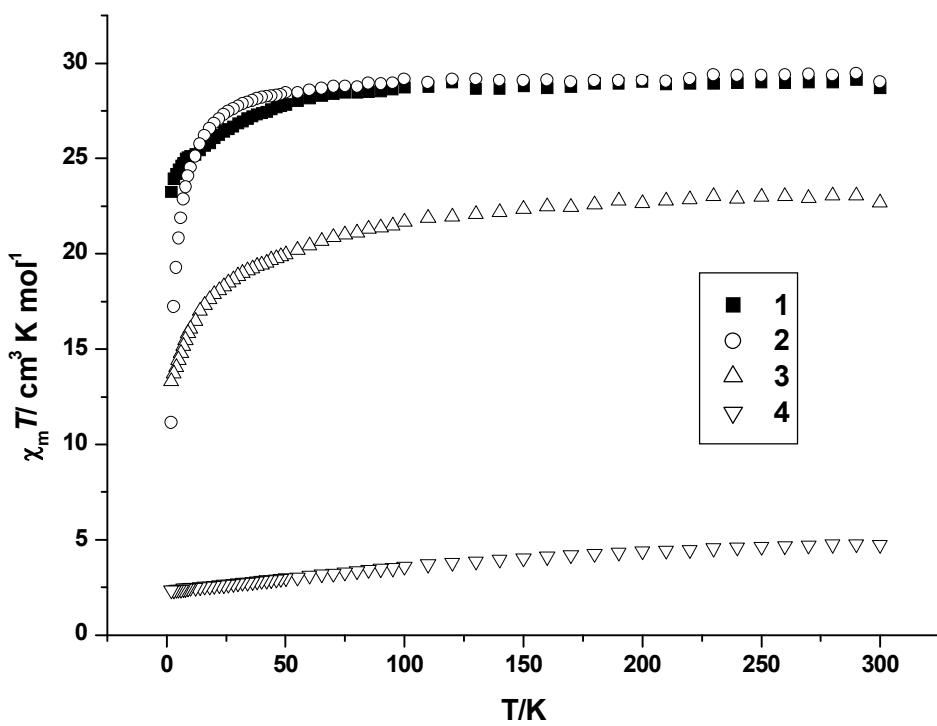


Fig. S3 Plot of the temperature dependence of $\mu_{\text{eff}} \cdot T$ for complexes **1** to **4**.