Supplementary Material (ESI) for *Dalton Transactions*

Supporting Information

Two octanuclear gallium metallamacrocycles with topologically different connectivities

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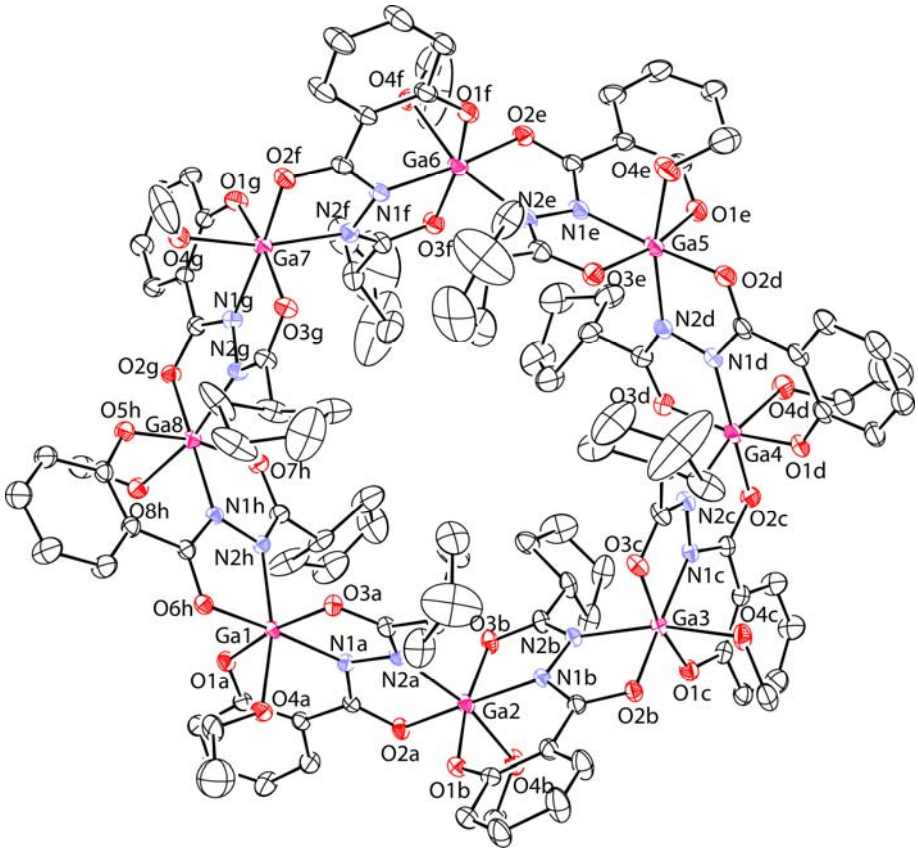


Figure S1. An ORTEP diagram of the S_8 symmetric 24-membered octanuclear gallium(III) metallamacrocycle **1** with the numbering for the heteroatoms.

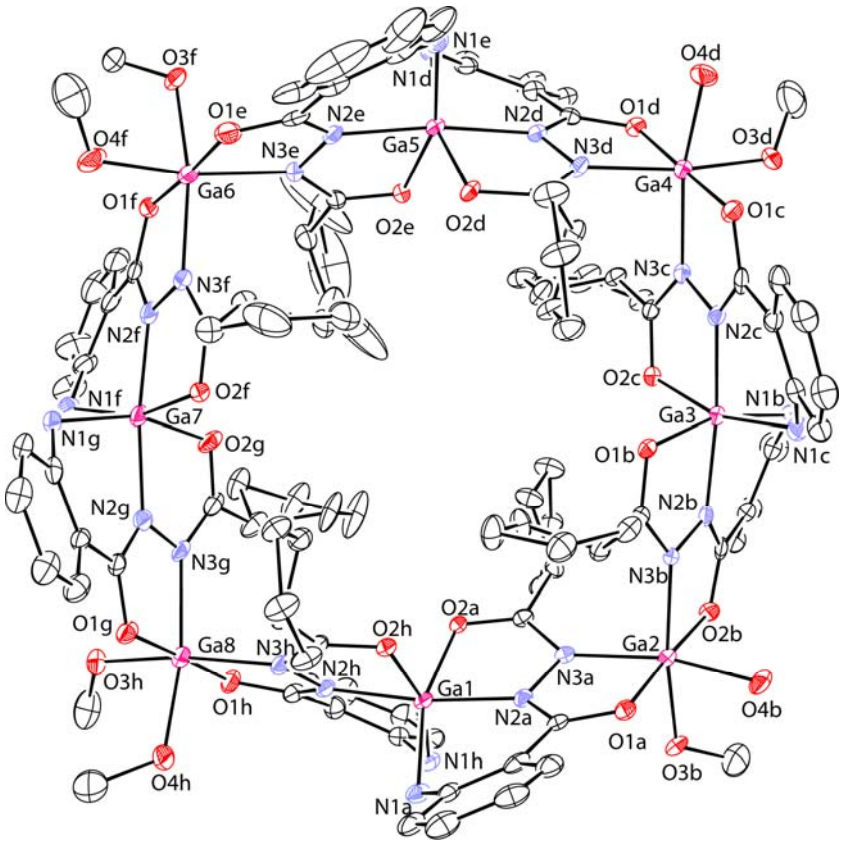
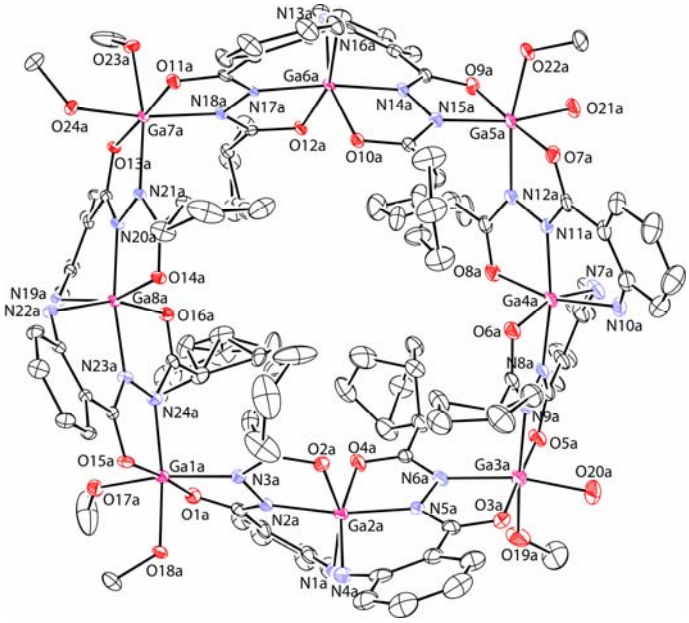
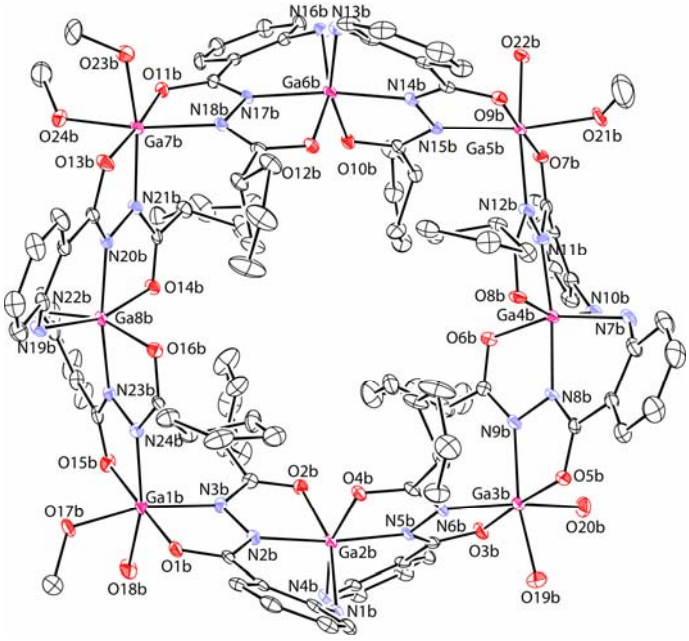


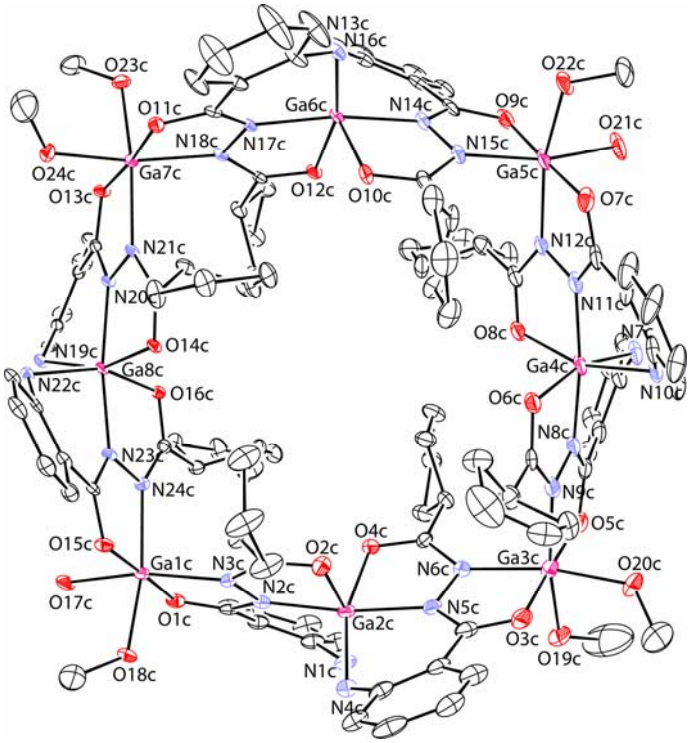
Figure S2. An ORTEP diagram of the pseudo-D_4 symmetric 24-membered octanuclear gallium(III) metallamacrocycle **2** with the numbering for the heteroatoms.



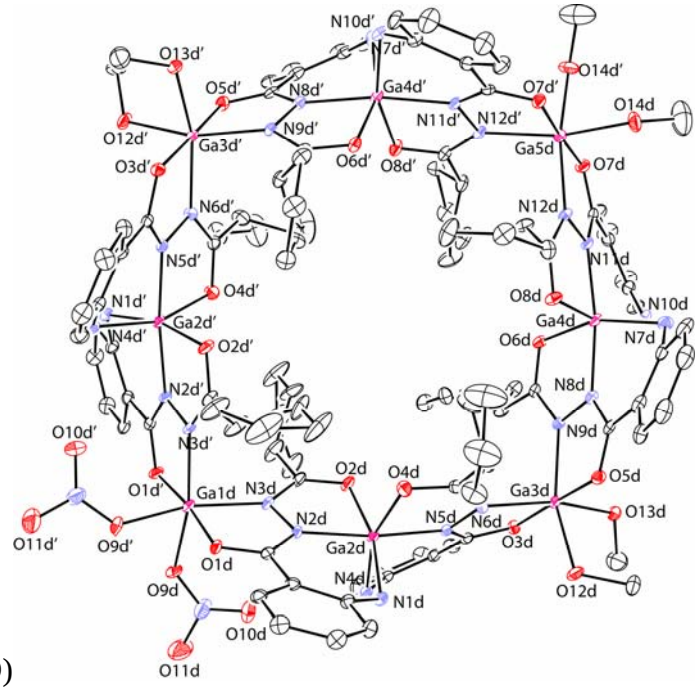
(**3A**)



(**3B**)



(**3C**)



(**3D**)

Figure S3. ORTEP diagrams of four different pseudo-D_4 symmetric 24-membered octanuclear gallium(III) metallamacrocycles, **3A** – **3D,** with the numbering for the heteroatoms.

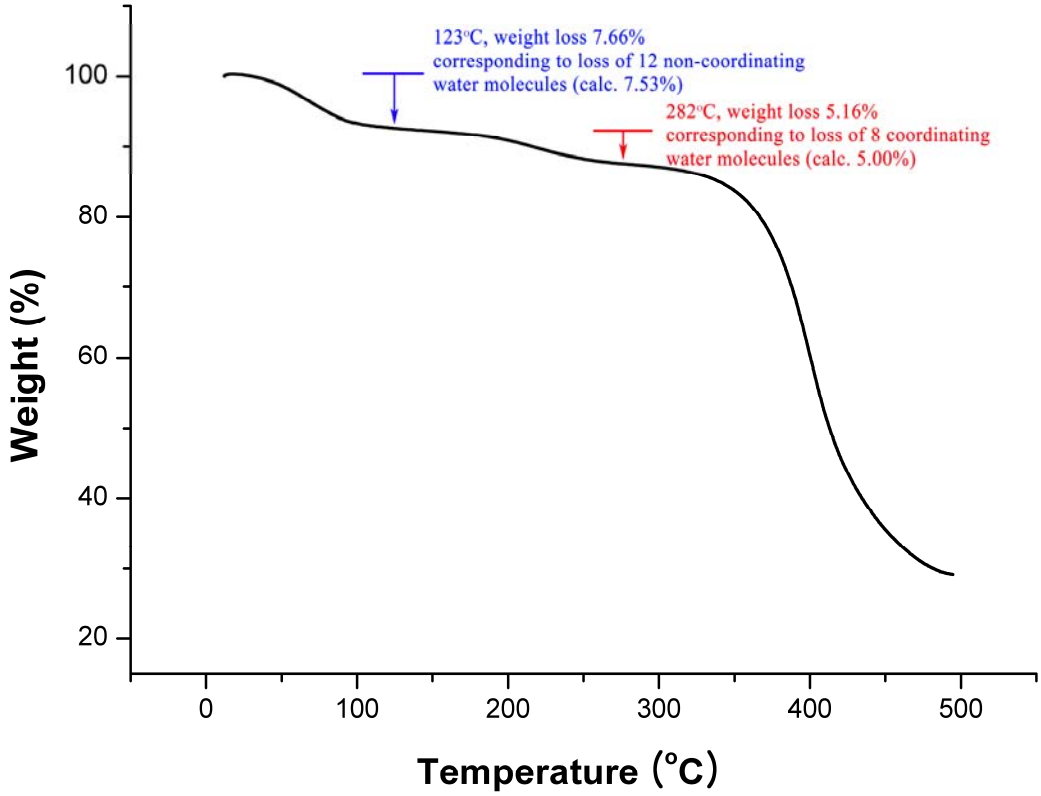


Figure S4. A TGA curve for complex **1**.

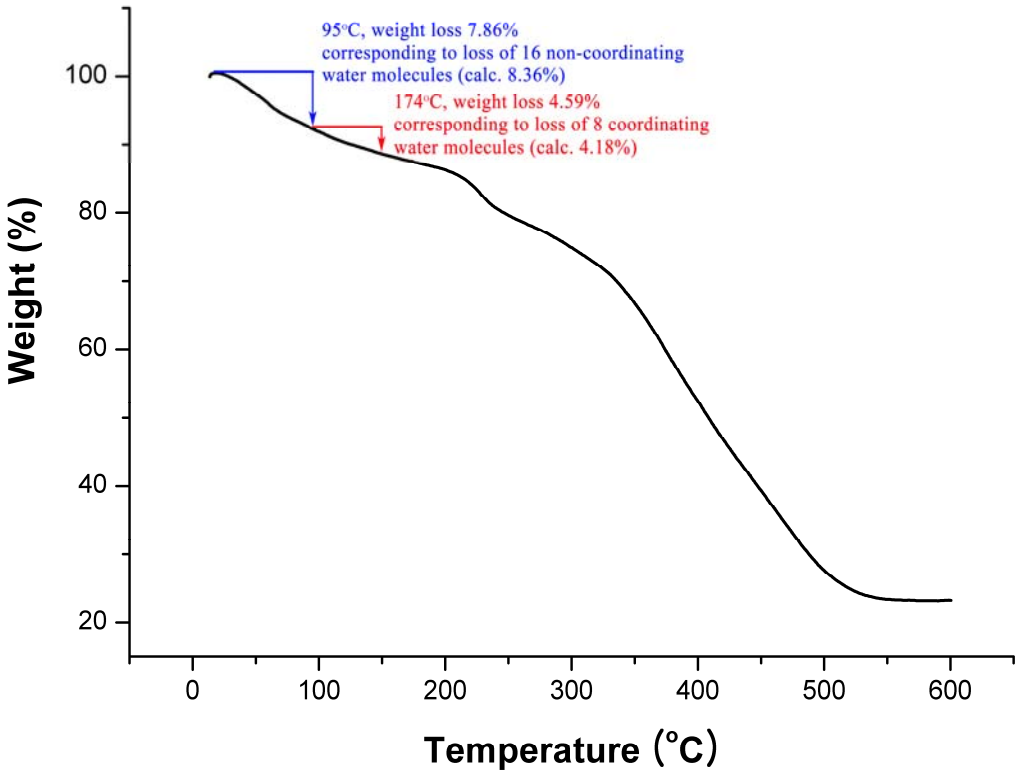


Figure S5. A TGA curve for mixture of complex **2** and **3**.