

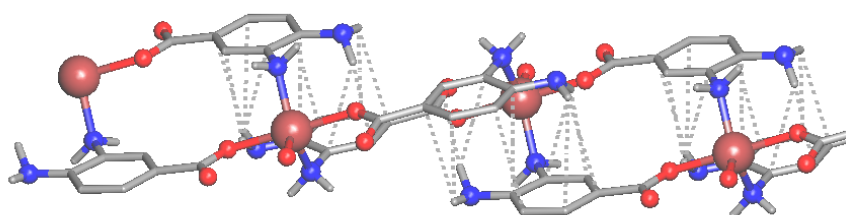
## Supporting Information for

### Functionalized aminocarboxylate moieties as linkers for coordination polymers: Influence of the substituents in the dimensionality of the final structure.

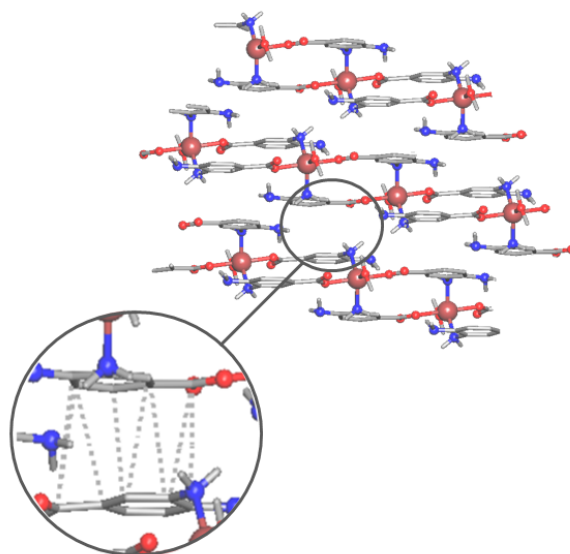
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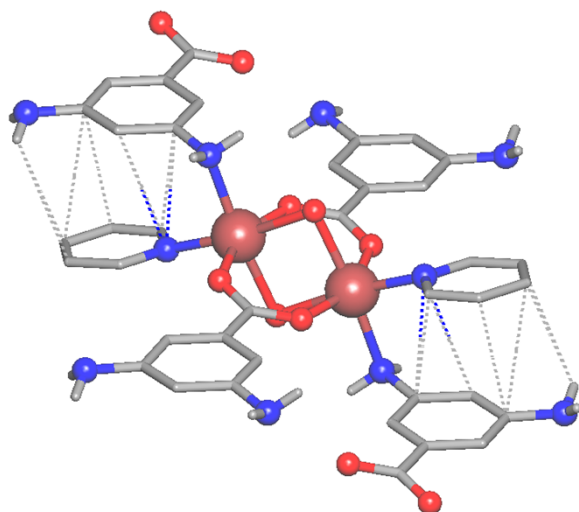
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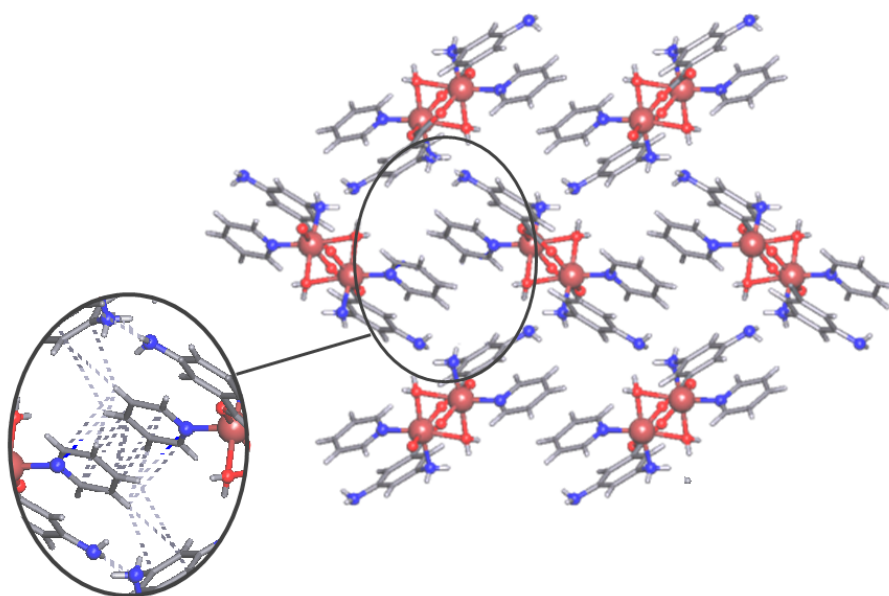
**Figure 1S.a.** NH/π interactions within the  $\{[\text{Zn}(3,4\text{-daba})_2(\text{H}_2\text{O})]\}_n$  chains.



**Figure 1S.b.** Packing in **1** showing π-π interactions.



**Figure S2a.** Interactions within the chains in **2**.



**Figure S2b.** Crystal packing for **2** showing  $\pi$ - $\pi$  stacking, CH/ $\pi$  and NH/ $\pi$  interactions.