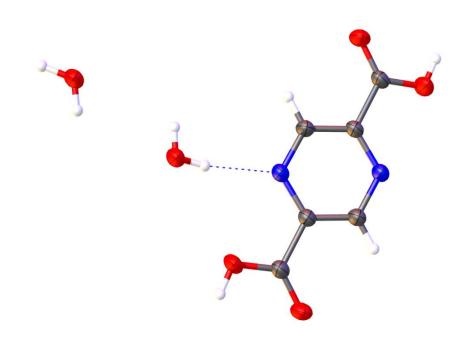
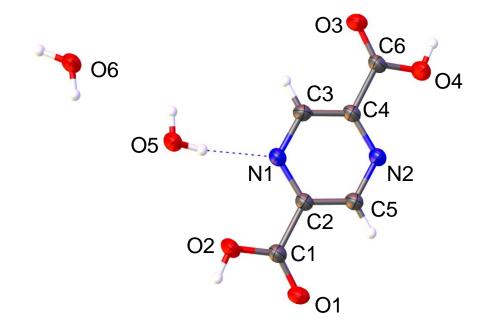
Electronic Supplementary Material (ESI) for Dalton Transactions. This journal is © The Royal Society of Chemistry 2018

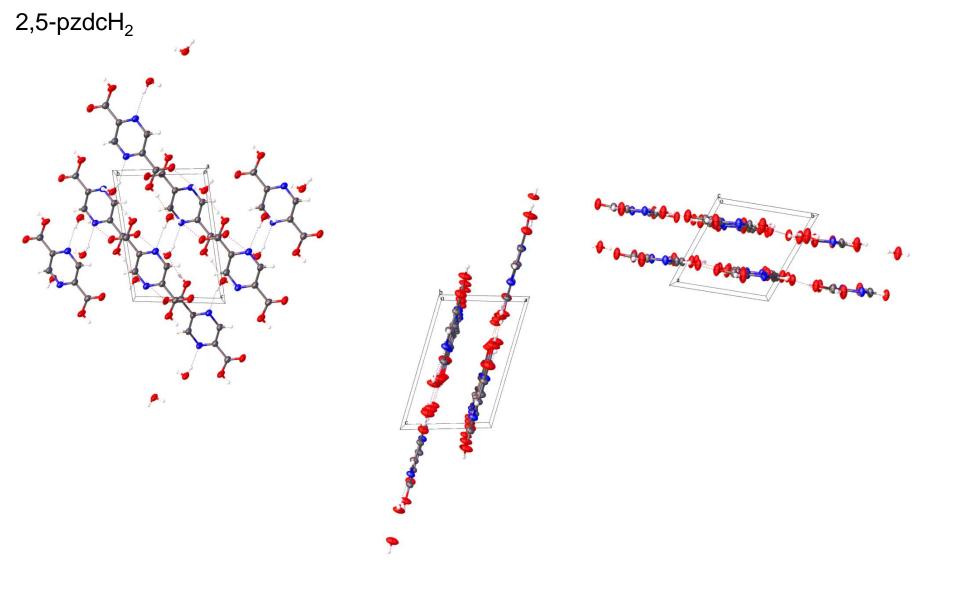
2,5-H<sub>2</sub>pzdc



The molecular structure of 2,5-H<sub>2</sub>pzdc

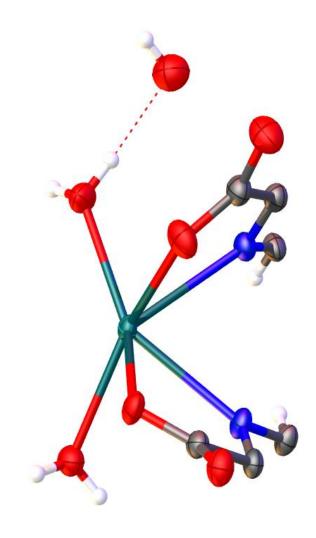


The molecular structure of  $2,5-H_2pzdc$ .

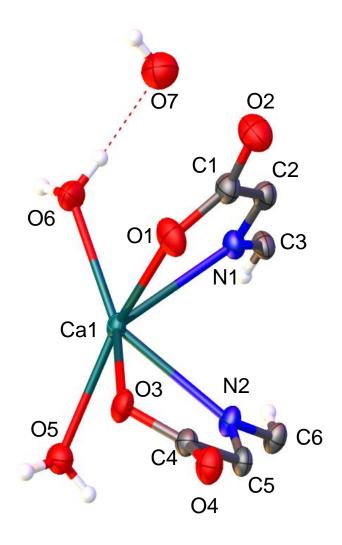


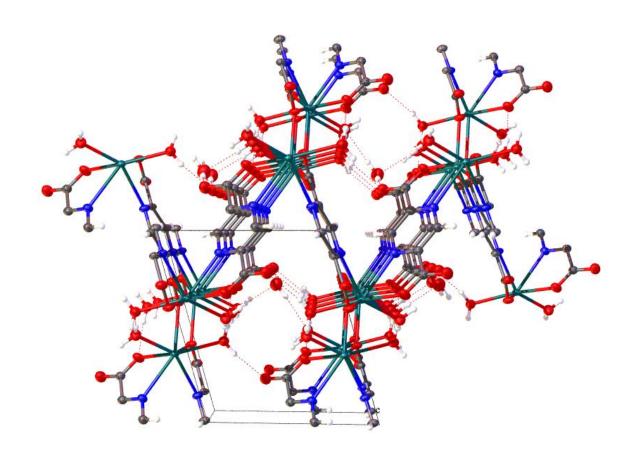
Packing along a, b, c axes (Olex2-POV-Ray representation)

 $[Ca(2,5-pzdc)(H_2O)_2]\cdot H_2O(1)$ 

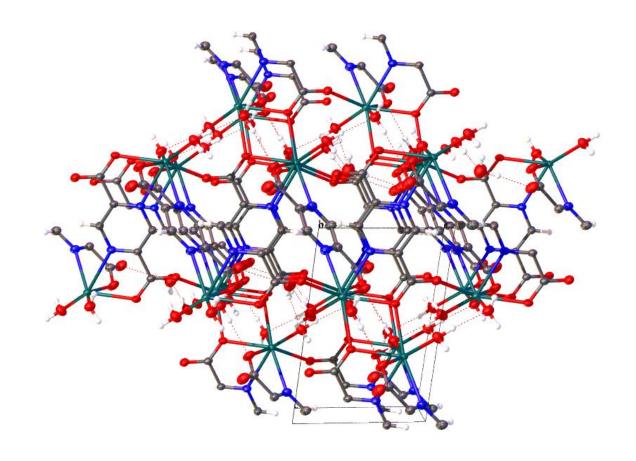


 $[Ca(2,5-pzdc)(H_2O)_2]\cdot H_2O(1)$ 

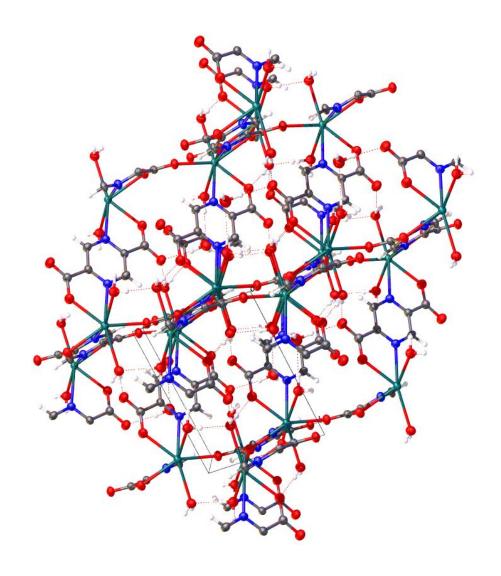




Packing along *a* axis (Olex2-POV-Ray representation)

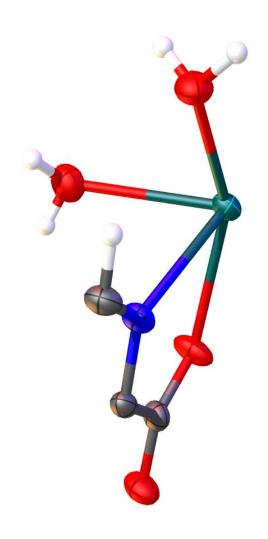


Packing along *b* axis (Olex2-POV-Ray representation)

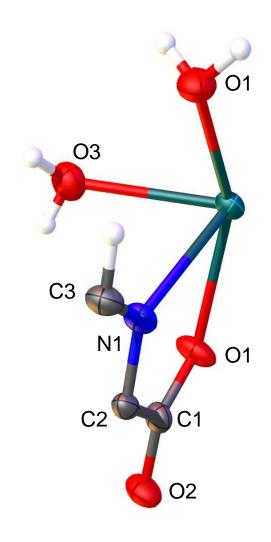


Packing along c axis (Olex2-POV-Ray representation)

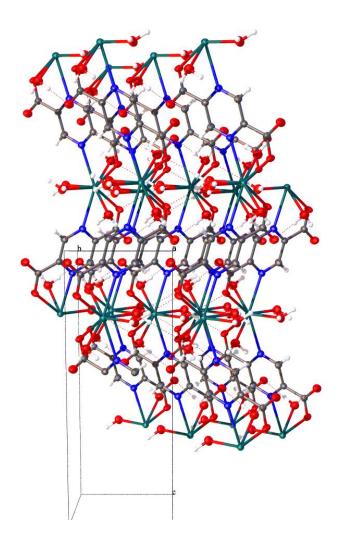
## [Ca(pzdc)(H<sub>2</sub>O)<sub>4</sub>] (2)



### [Ca(pzdc)(H<sub>2</sub>O)<sub>4</sub>] (2)

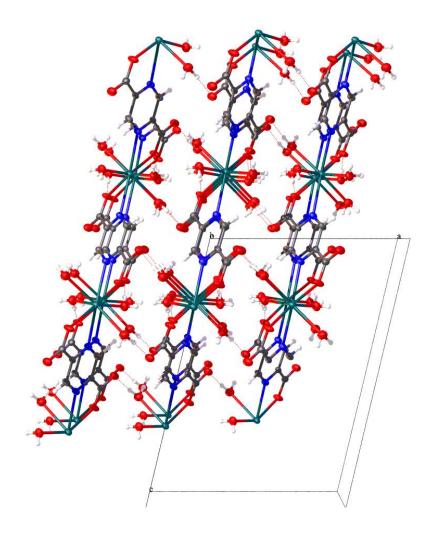


### $[Ca(pzdc)(H_2O)_4]$ (2)



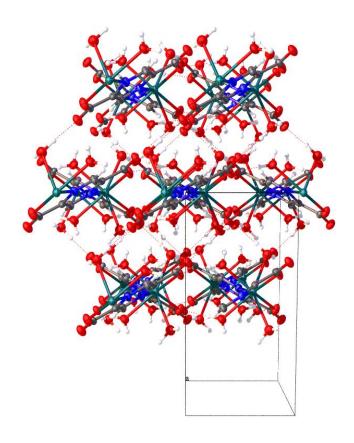
Packing along a axis (Olex2-POV-Ray representation)

### $[Ca(pzdc)(H_2O)_4]$ (2)



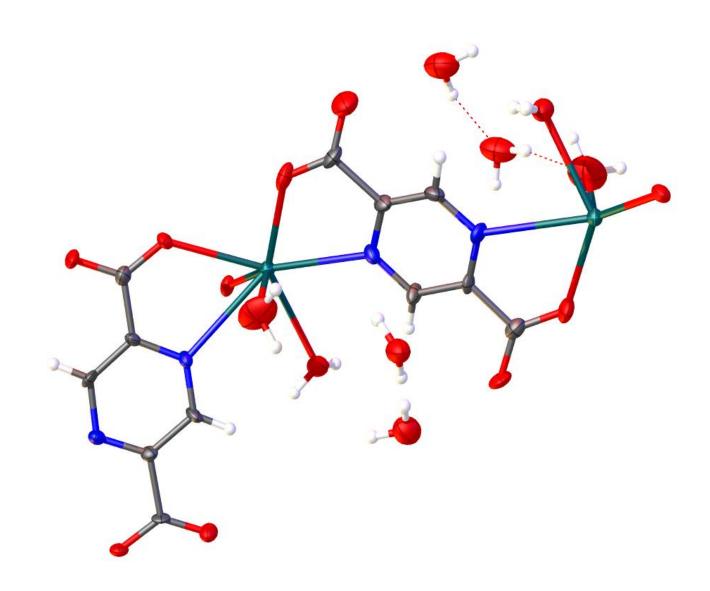
Packing along b axis (Olex2-POV-Ray representation)

 $[Ca(pzdc)(H_2O)_4]$  (2)

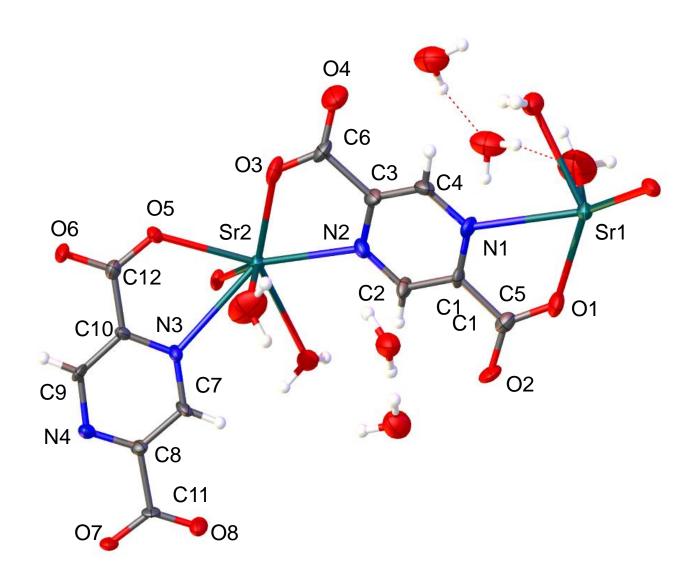


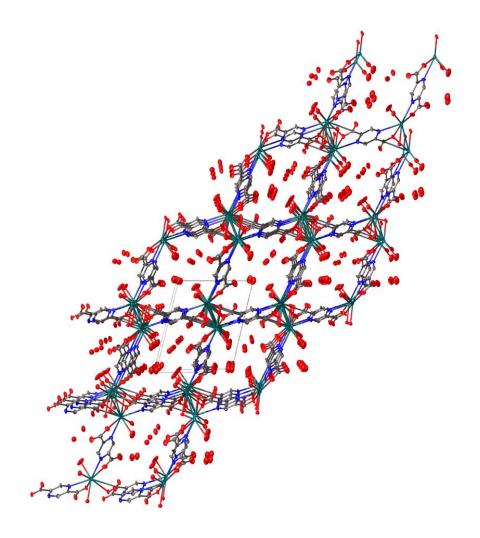
Packing along c axis (Olex2-POV-Ray representation)

# $[Sr(pzdc)(H_2O)_4] \cdot H_2O$ (3)



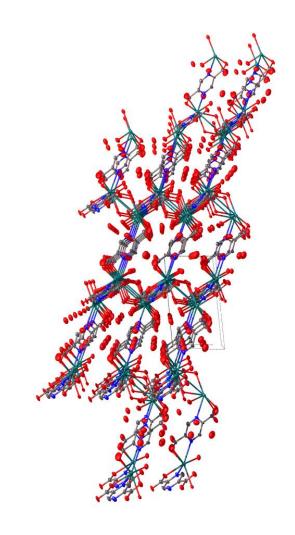
#### $[Sr(pzdc)(H_2O)_4] \cdot H_2O$ (3)



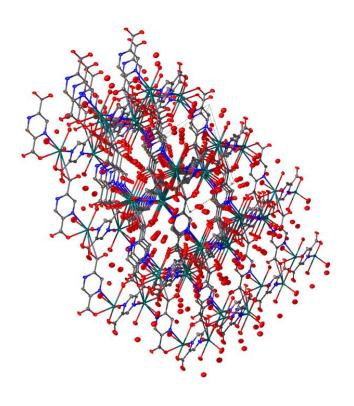


Packing along *a* axis (Olex2-POV-Ray representation)

### $[Sr(pzdc)(H_2O)_4] \cdot H_2O$ (3)

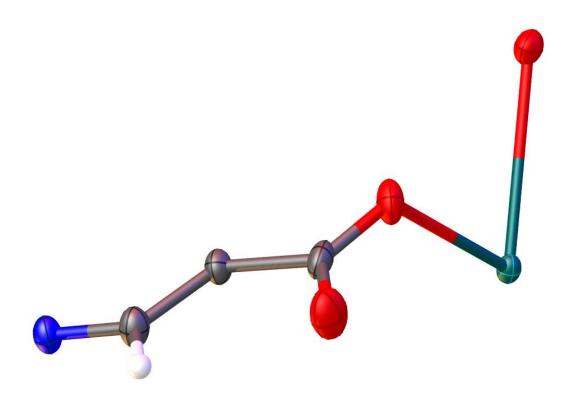


Packing along b axis (Olex2-POV-Ray representation)

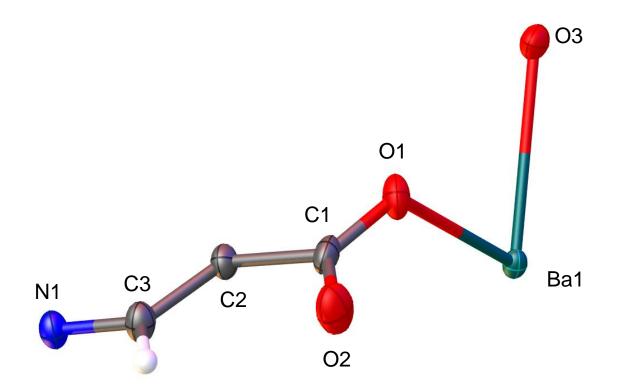


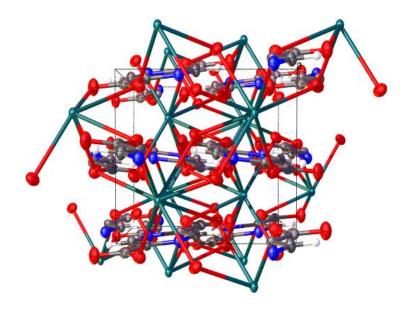
Packing along c axis (Olex2-POV-Ray representation)

 $[Ba(pzdc)(H_2O)_2]$  (5)

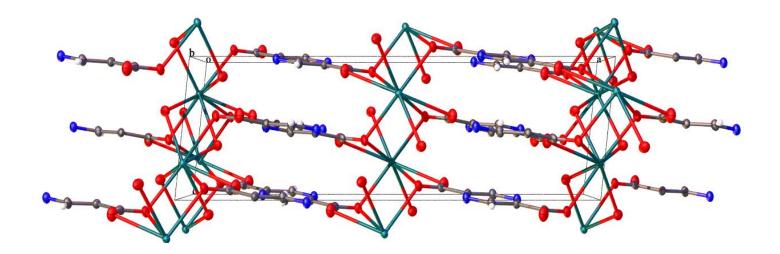


### $[Ba(pzdc)(H_2O)_2]$ (5)

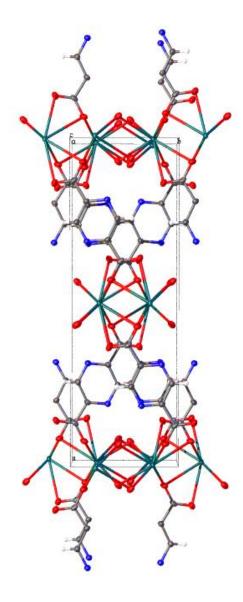




Packing along *a* axis (Olex2-POV-Ray representation)



Packing along *b* axis (Olex2-POV-Ray representation)



Packing along c axis (Olex2-POV-Ray representation)