

Oxozinc carboxylates : a predesigned platform for modelling prototypical Zn-MOFs' reactivity toward water and donor solvents.

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Streszczenie

Two unique adducts of an oxozinc carboxylate cluster with H₂O and THF were isolated and structurally characterized, [Zn₄(μ₄-O)(O₂CR)₆(H₂O)(THF)]·2(THF) and [Zn₄(μ₄-O)(O₂CR')₆(THF)₃] (where R = benzoate and R' = 9-antracenecarboxylate anion). The study shows that the zinc centers of the Zn₄O core can easily form unique coordination environments without breaking of the Zn–Ocarboxylate bonds.

Adres publiczny

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Strona internetowa wydawcy

<https://www.rsc.org/>