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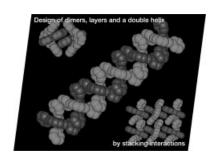
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COVER PICTURE

The cover picture shows the self-assembly of two selected terpy-type ligands by $\pi\text{-}\pi$ stacking around the Zn^{2+} ion to form isolated "heterodimers" (top left with terpy and a bis-Schiff-base ligand), 2D layers (bottom right with a hydrazone bis-pyridine ligand and a bis-Schiff-base ligand) and a double helix (on the diagonal, with only bis-Schiff-base ligands). In addition a 1D stacked layer could be synthesized. Further details may be found in the article by M. Barboiu et al. on p. 4255 ff.



MICROREVIEW Contents

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Mechanism of Taurine: α-Ketoglutarate Dioxygenase (TauD) from *Escherichia coli*

Keywords: Bioinorganic chemistry / Metalloenzymes / Reaction intermediates / Oxygen activation / Iron

$$R = O = F_{0} = H_{is}$$

$$+ O_{2} = I_{is}$$

$$+ O_{2} = I_{is}$$

$$R = H = R = OH$$

$$R = O = F_{0} = H_{is}$$

$$R = O = F_{0} = H_{is}$$