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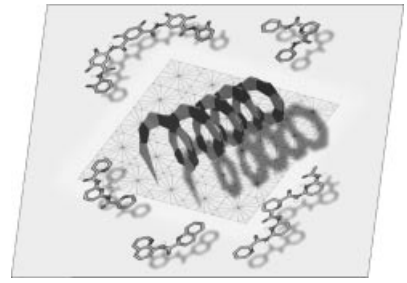
COVER PICTURE

The cover picture shows a photograph of a helical origami, based on a modular ring designed by David Petty, surrounded by five examples of building blocks used in aromatic oligoamide foldamers. The background is an unfolded origami paper displaying the crease pattern that codes for a well-defined folded shape. In the ancient Japanese art of paper folding, beautiful and complex yet predictable forms arise from a series a folding steps of a sheet of paper. Each step sets the relative orientation of the two sides of the fold. Similarly, the conformations of aromatic oligoamide foldamers are determined by interactions between consecutive units. In first approximation, the overall conformation is simply predicted as a linear combination of local conformational preferences. Details are discussed in the Microreview by I. Huc on p. 17 ff. We thank Professor Louis Cuccia for his inspiration and major contribution to this image.



MICROREVIEW

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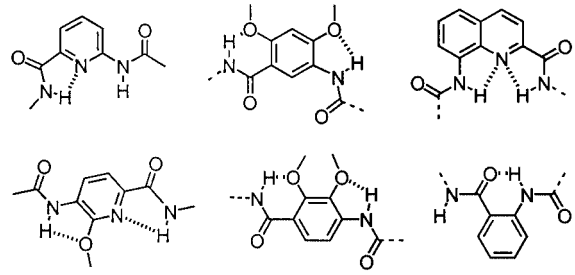

Keywords: Conformation analysis / Hydrogen bonds / Pi interactions / Helical structures / Supramolecular chemistry

