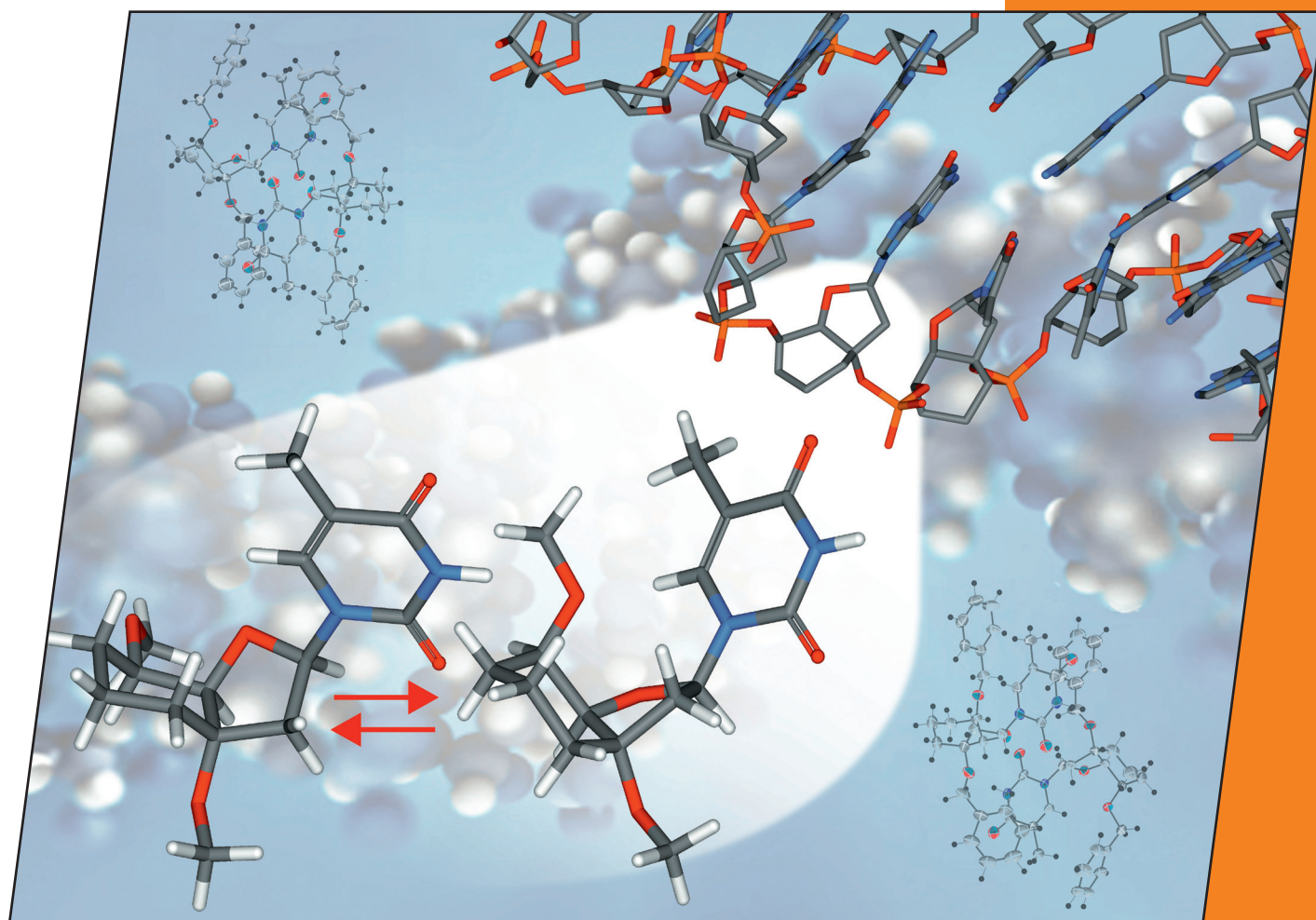


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Organic Chemistry



Cover Picture

Andrea Stauffiger and Christian J. Leumann
Screening the Structural Space of Bicyclo-DNA

Microreview

Tsugio Kitamura
Transition-Metal-Catalyzed Alkyne Hydroarylation

A Journal of



WILEY-VCH

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A union formed by chemical societies in Europe (ChemPubSoc Europe) has taken the significant step into the future by merging their traditional journals, to form two leading chemistry journals, the *European Journal of Inorganic Chemistry* and the *European Journal of Organic Chemistry*. Three further members of ChemPubSoc Europe (Austria, Czech Republic and Sweden) are Associates of the two journals.

COVER PICTURE

The cover picture shows two low-energy conformations of monomeric units of [4.3.0]bicyclo-DNA, a conformationally restricted DNA analogue. In an energy-minimized double helix containing a fully modified strand paired against its complementary DNA, the [4.3.0]bicyclo-DNA sugar arranges in such a way that O(5') adopts a pseudoaxial orientation. In the article by A. Stauffiger and C. J. Leumann on p. 1153ff the synthesis of the modified DNA building block, the X-ray structure of the monomeric unit as well as thermal melting properties of oligonucleotides are discussed. The authors would like to thank Michael Eggli for his help in designing the cover picture.

