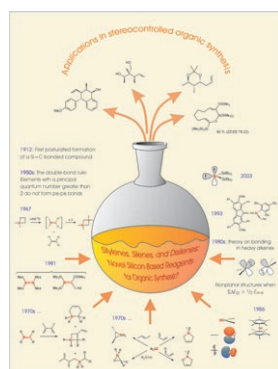
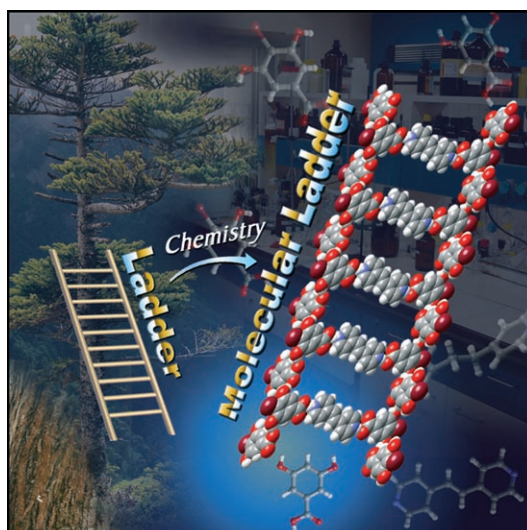


Synthesis of molecular architectures...

... through molecular recognition, with the proper choice of appropriate functional groups, demonstrates the elegance of noncovalent synthesis to yield molecular ladders, rosettes, tubular structures, and so forth. In this context, 3,5-dihydroxybenzoic acid and its bromo derivative have been found to yield molecular ladders upon co-crystallization with some N-donor compounds. More details of these fascinating supramolecular assemblies are described by V. R. Pedireddi and S. Varughese on page 1597 ff.

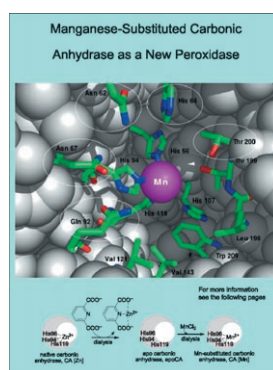


Low Coordination but High Potential

The synthesis and use of low-coordinate silicon compounds, that is, silylenes, silenes, and disilenes, are described in the Concept article by P. G. Steel and H. Ottosson on page 1576 ff. The emerging applications in catalysis and stereoselective synthesis point to a new field within synthetic organosilicon chemistry.

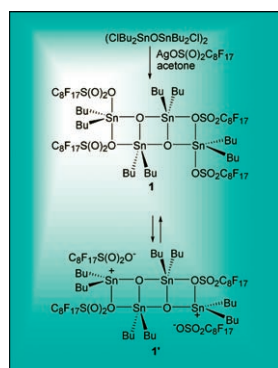
Olefin Epoxidation

In their Full Paper on page 1587 ff., R. J. Kazlauskas and K. Okrasa discuss the use of a new peroxidase (CA[Mn]) for the moderately enantioselective epoxidation of olefins to epoxides. This enantioselectivity is similar to that obtained for natural heme-based peroxidases.



Organotin Chemistry

In their Full Paper on page 1642 ff., J. Otera, S. Fukuzumi, D. L. An et al. describe the synthesis, characterization, and catalysis of organotin perfluorooctanesulfonates. These were found to be air-stable Lewis acid catalysts and their activities were assessed in carbon-carbon bond-forming reactions.



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