

Highlights

Depsipeptides

J.-M. Campagne

Total Syntheses of Lysobactin
(Katanosin B)

Structural Biochemistry

L. Que, Jr. et al.

Structural “Snapshots” along Reaction
Pathways of Non-Heme Iron Enzymes

Reviews

Synthetic Methods

G. van Koten et al.

1 Organic Transformations on σ -Aryl
Organometallic Complexes

Communications

Chlorophyll Breakdown

B. Kräutler et al.

2 Colorless Tetrapyrrolic Chlorophyll
Catabolites Found in Ripening Fruit Are
Effective Antioxidants (Cover Picture)

Host–Guest Chemistry

J. L. Atwood et al.

3 Guest and Ligand Behavior in Zinc-
Seamed Pyrogallol[4]arene Molecular
Capsules

Microporous Polymers

A. I. Cooper et al.

4 Conjugated Microporous
Poly(aryleneethynylene) Networks

Supramolecular Catalysis

R. G. Bergman, K. N. Raymond et al.

Catalytic Deprotection of Acetals in Basic
Solution with a Self-Assembled
Supramolecular “Nanozyme”

Antitumor Agents

U. Kutay, K. Gademann et al.

Total Synthesis, Configuration, and
Biological Evaluation of Anguimycin C

Biocatalysis

C. Hertweck et al.

A Binuclear Manganese Cluster
That Catalyzes Radical-Mediated
N-Oxygenation

Asymmetric Catalysis

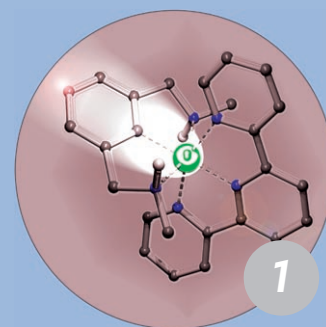
N. Shibata, T. Toru et al.

Cinchona-Alkaloid-Catalyzed
Enantioselective Direct Aldol-Type
Reaction of Oxindoles with Ethyl
Trifluoropyruvate

Crystalline Nanostructures

A. L. Demirel, H. Schlaad et al.

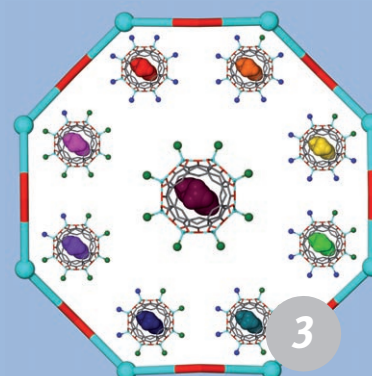
Formation of Polyamide Nanofibers by
Directional Crystallization in Aqueous
Solution



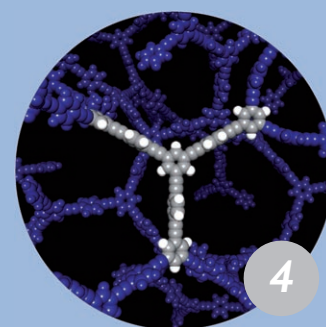
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Issue 45/2007 will be
published on November 19, 2007.