

Highlights

Protein Modification

D. Rauh and H. Waldmann

Linking Chemistry and Biology for the Study of Protein Function

Diphosphorus

L. Weber

Azide-Analogous Organophosphorus Chemistry: RNP_2 as a Ligand and P_2 Source

Reviews

C–C Coupling

H. Doucet and J.-C. Hierso

Palladium-Based Catalytic Systems for the Synthesis of Conjugated Enynes by Sonogashira Reactions and Related Alkynylation

Communications

C–N Coupling

M. Taillefer et al.

Efficient Iron/Copper Co-Catalyzed Arylation of Nitrogen Nucleophiles (Cover Picture)

Transplutonium Chemistry

P. Lindqvist-Reis et al.

The Structures and Optical Spectra of Hydrated Transplutonium Ions in the Solid State and in Solution

Dendrimer Sensors

D. Astruc et al.

Click Assembly of 1,2,3-Triazole-Linked Dendrimers, Including Ferrocenyl Dendrimers, Which Sense Both Oxo Anions and Metal Cations

Magnetic Resonance Imaging

S. Aime et al.

From Spherical to Osmotically Shrunken Paramagnetic Liposomes: An Improved Generation of LIPOCEST MRI Agents with Highly Shifted Water Protons

Terminal Phosphide Complexes

C. C. Cummins et al.

A Terminal Nitride-to-Phosphide Conversion Sequence Followed by Tungsten Phosphide Functionalization Using a Diphenylphosphonium Synthon

Asymmetric Chlorination

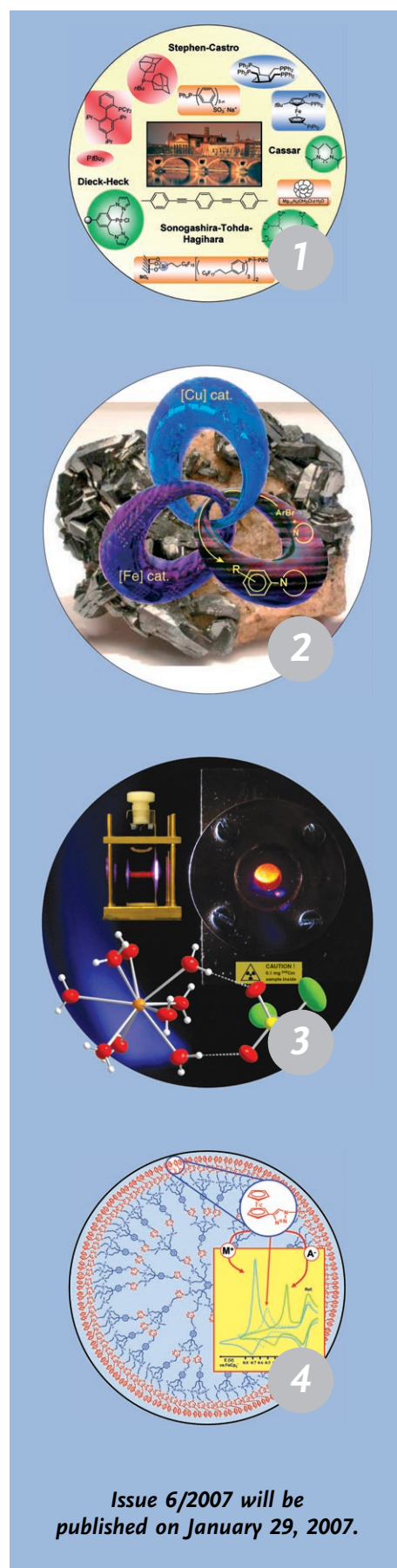
G. C. Fu et al.

Catalytic Asymmetric Synthesis of Tertiary Alkyl Chlorides

Homogeneous Catalysis

M. L. Clarke and J. A. Fuentes

Self-Assembly of Organocatalysts: Fine-Tuning Organocatalytic Reactions



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