

Highlights

Protein Chemistry

Carpe Diubiquitin

R. T. Raines and L. J. Martin

Boron Chemistry

BO Chemistry Comes Full Circle

S. A. Westcott

Nobel Prize in Chemistry 2010

From Noble Metal to Nobel Prize:
Palladium-Catalyzed Coupling Reactions
as Key Methods in Organic Synthesis

M. Beller et al.

Minireviews

Oxetanes

Oxetanes as Versatile Elements in Drug
Discovery and Synthesis

M. Rogers-Evans, K. Müller,
E. M. Carreira et al.

Reviews

Rylene Dyes

The Rylene Colorant Family: Tailored
Nanoemitters for Photonics Research and
Applications

T. Weil, J. Hofkens, K. Müllen et al.

Synthetic Methods

Isocyanides in the Synthesis of Nitrogen
Heterocycles

A. de Meijere and A. V. Lygin

Communications

Molecular Switches

A Double-Switching Multistable Fe_4 Grid
Complex with Stepwise Spin-Crossover
and Redox Transitions (**Cover Picture**)

F. Meyer et al.

N-Heterocyclic Carbenes

Generation and Reactions of an
Unsubstituted N-Heterocyclic Carbene
Boryl Anion

D. P. Curran, L. Fensterbank, M. Malacria,
E. Lacôte et al.

Protein Synthesis

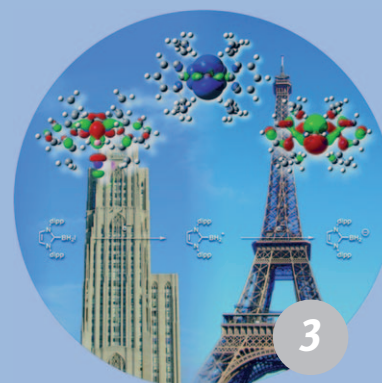
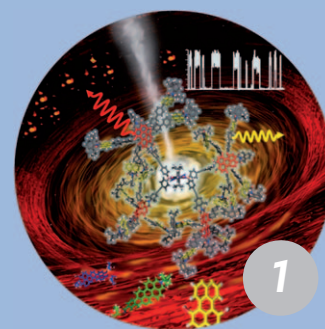
Total Chemical Synthesis of Di-ubiquitin
Chains

A. Brik et al.

Natural Products Synthesis

Total Synthesis of Tryprostatins A and B

T. Fukuyama et al.



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