

CONCEPTS

Coupling Reactions

1

Cross-Coupling Cyclization Reactions of Two Different Allenic Moieties

B. Alcaide,* P. Almendros,*
T. Martínez del Campo

COMMUNICATIONS

Cross-Coupling

J. Zhou, P. Hu, M. Zhang, S. Huang,
M. Wang, W. Su*

Polymerization

M. S. Maji, T. Pfeifer, A. Studer*

C–C Coupling

K. Y. Amsharov,* M. A. Kabdulov,
M. Jansen

A Versatile Catalyst for Intermolecular Direct Arylation of Indoles with Benzoic Acids as Arylating Reagents

Transition-Metal-Free Synthesis of Conjugated Polymers from Bis-Grignard Reagents by Using TEMPO as Oxidant

Homo-elimination of HF—An Efficient Approach for Intramolecular Aryl–Aryl Coupling

FULL PAPERS

Photophysics

2

M.-E. Moret, I. Tavernelli,*
M. Chergui, U. Rothlisberger

Sensors

3

Y. H. Lee, H. Liu, J. Y. Lee,*
S. H. Kim, S. K. Kim, J. L. Sessler,
Y. Kim, J. S. Kim*

Bond Dissociation Energy

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X. Zhang,* H. Schwarz*

Natural Products

B. Gebhardt, C. M. König, C. Schleth,
M. Dauber, U. Koert*

Electron Localization Dynamics in the Triplet Excited State of $[\text{Ru}(\text{bpy})_3]^{2+}$ in Aqueous Solution (Cover picture)

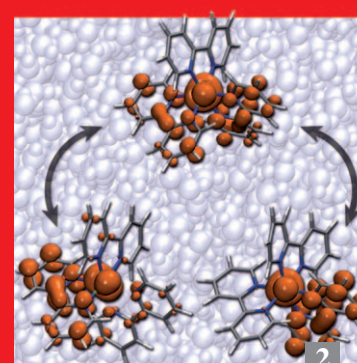
Dipyrenylcalix[4]arene—A Fluorescence-Based Chemosensor for Trinitroaromatic Explosives

Bonding in Cationic MCH_2^+ ($\text{M} = \text{K-Lu}, \text{Hf-Rn}$): A Theoretical Study on Periodic Trends

Good Timing in Total Synthesis: The Case of Phoslactomycin A



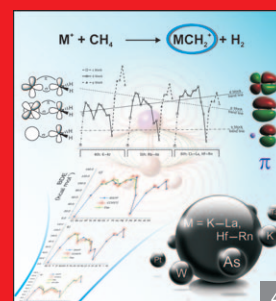
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