

MINIREVIEWS

Coordination Chemistry

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J. M. Lynam

Recent Mechanistic and Synthetic Developments in the Chemistry of Transition-Metal Vinylidene Complexes

COMMUNICATIONS

Liquid Crystals

M. Lehmann,* C. Köhn,
J. L. Figueirinhas, G. Feio, C. Cruz,
R. Y. Dong

Biaxial Nematic Mesophases from Shape-Persistent Mesogens with a Fluorenone Bending Unit

Cycloaddition Reactions

E. L. Pearson, N. Kanizaj, A. C. Willis,
M. N. Paddon-Row,* M. S. Sherburn*

Experimental and Computational Studies into an ATPH-Promoted *exo*-Selective IMDA Reaction: A Short Total Synthesis of Δ^9 -THC

Chemosensors

T. Riis-Johannessen, K. Severin*

A Micelle-Based Chemosensing Ensemble for the Fluorimetric Detection of Chloride in Water

FULL PAPERS

Luminescence

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S. P.-Y. Li, H.-W. Liu, K. Y. Zhang,
K. K.-W. Lo*

Modification of Luminescent Iridium(III) Polypyridine Complexes with Discrete Poly(ethylene glycol) (PEG) Pendants: Synthesis, Emissive Behavior, Intracellular Uptake, and PEGylation Properties (Cover picture)

Carbohydrates

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Z. Wang, Y. Xu, B. Yang,
G. Tiruchinapally, B. Sun, R. Liu,
S. Dulaney, J. Liu, X. Huang*

Preactivation-Based, One-Pot Combinatorial Synthesis of Heparin-like Hexasaccharides for the Analysis of Heparin-Protein Interactions

Host-Guest Interactions

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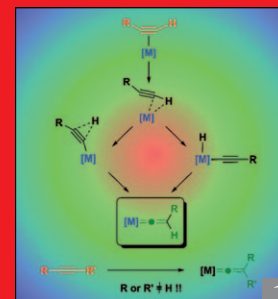
J. Voskuhl, T. Fenske, M. C. A. Stuart,
B. Wibbeling, C. Schmuck,*
B. J. Ravoo*

Molecular Recognition of Vesicles: Host-Guest Interactions Combined with Specific Dimerization of Zwitterions

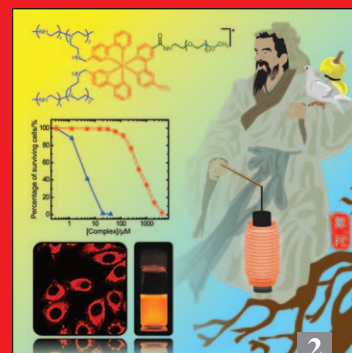
Cyclization

A. Okano, K. Tsukamoto, S. Kosaka,
H. Maeda, S. Oishi, T. Tanaka,*
N. Fujii,* H. Ohno*

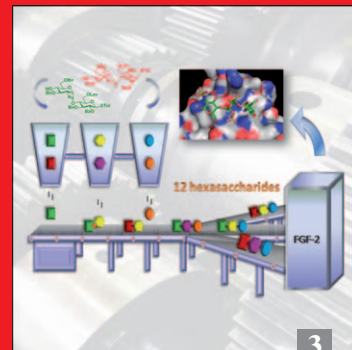
Synthesis of Fused and Linked Bicyclic Nitrogen Heterocycles by Palladium-Catalyzed Domino Cyclization of Propargyl Bromides



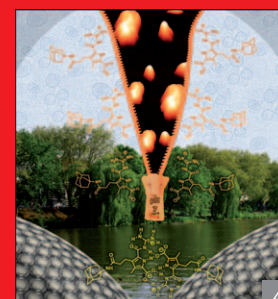
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