Synlett

Accounts and Rapid Communications in Chemical Synthesis

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Special Issue

Chemical Synthesis and Catalysis in India (Part I)

Editor: Benjamin List
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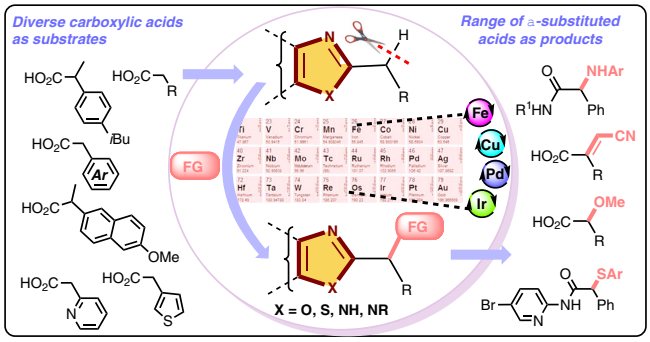

Functionalization of Alkyl Groups Adjacent to Azoles: Application to the Synthesis of α-Functionalized Carboxylic Acids

A. K. Singh, R. D. Shinde, J. Kumar, S. Bhadra

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Cluster Preface: Chemical Synthesis and Catalysis in India

Cluster

493

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Catalytic Oxidations with *ortho*-Substituted Modified IBXs

Cluster Account

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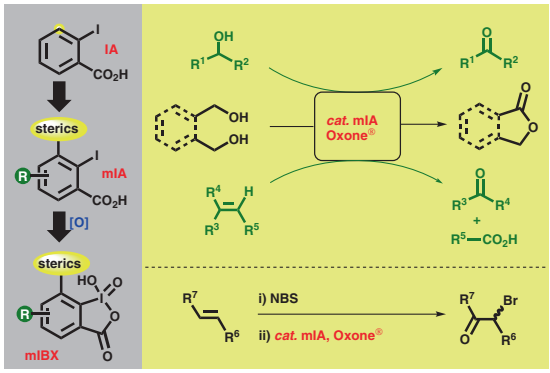

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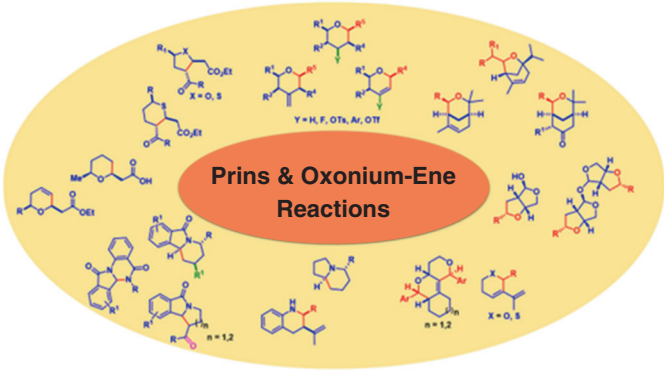
Synthesis of Heterocyclic Scaffolds via Prins, Oxonium-Ene and Related Cyclization Reactions

Cluster Account

507



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DOI: 10.1055/a-1978-0394

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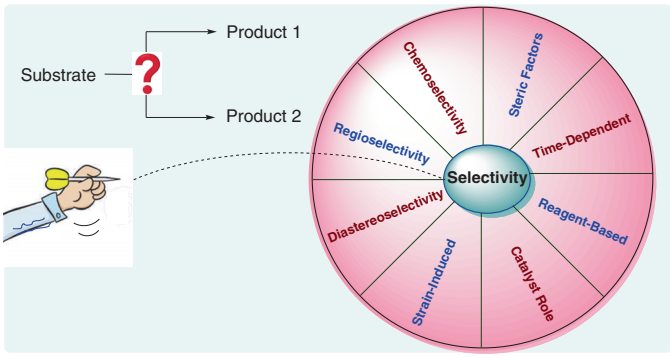
Selectivity: A Goal for Synthetic Economy

Cluster Account

535



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DOI: 10.1055/a-1894-8136

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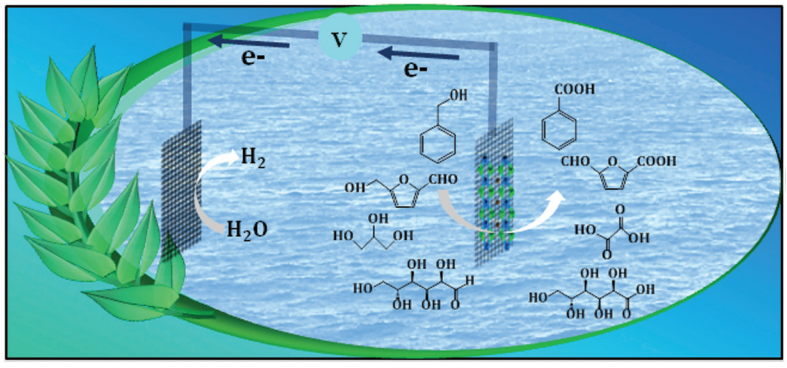
Replacing Anodic Oxygen Evolution Reaction with Organic Oxidation: The Importance of Metal (Oxy)Hydroxide Formation as the Active Oxidation Catalyst

Cluster Account

552



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Functionalization of Alkyl Groups Adjacent to Azoles: Application to the Synthesis of α-Functionalized Carboxylic Acids

Cluster Account

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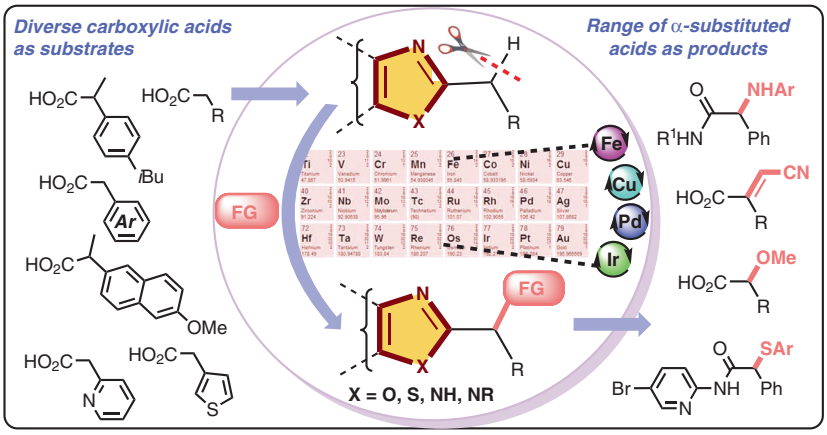

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Advances in Bifunctional Squaramide-Catalyzed Asymmetric Sulfa-Michael Addition: A Decade Update

Cluster Account

572

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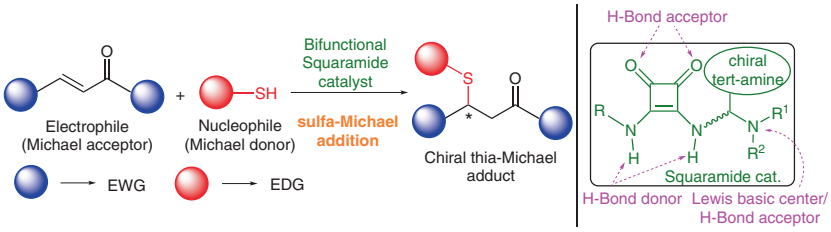

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Benign-Metal-Catalyzed Carbon–Carbon and Carbon–Heteroatom Bond Formation

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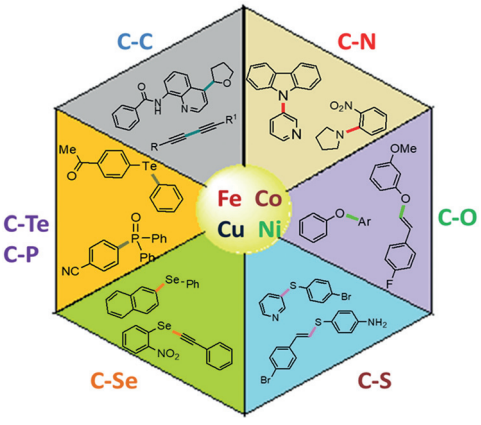

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DOI: 10.1055/a-1874-2406

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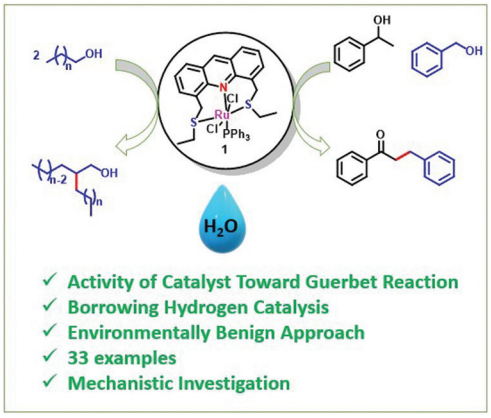
Acridine-Based SNS–Ruthenium Pincer Complex-Catalyzed Borrowing Hydrogen-Mediated C–C Alkylation Reaction: Application to the Guerbet Reaction

Cluster

622



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DOI: 10.1055/s-0042-1751376

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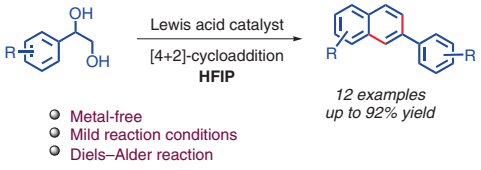
Lewis Acid Promoted Homodimerization of Styrene Diols: An Efficient Approach toward 2-Phenylnaphthalenes

Cluster

629



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Synlett **2023**, *34*, 635–644
DOI: 10.1055/a-1934-1056

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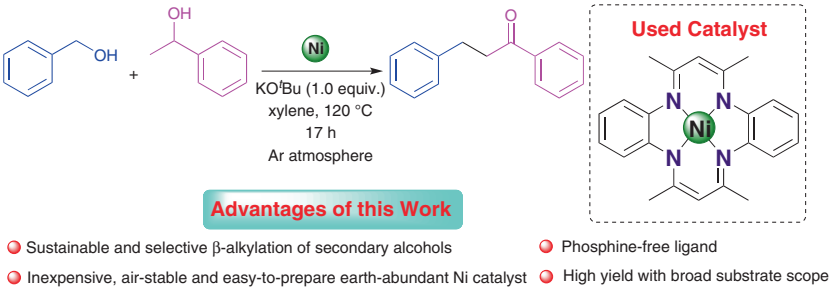
Nickel-Catalyzed Sustainable and Selective Alkylation of Alcohols to α-Alkylated Ketones via Borrowing Hydrogen Approach

Cluster

635



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Catalytic Enantioselective Synthesis of 4-Amino-5-aryltetrahydro-1*H*-benzo[*c*]azepines by an Aminoarylation Reaction

Cluster 645

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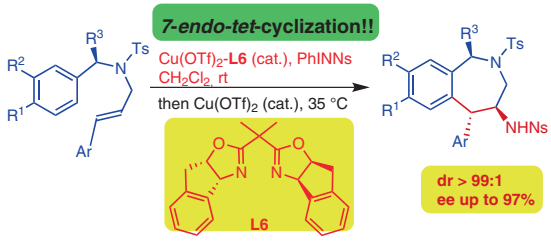

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DOI: 10.1055/s-0042-1751358

Concise Synthesis of *N*-Aryl Tetrahydroquinolines *via* a One-Pot Sequential Reduction of Quinoline/Chan–Evans–Lam Coupling Reaction

Cluster 651

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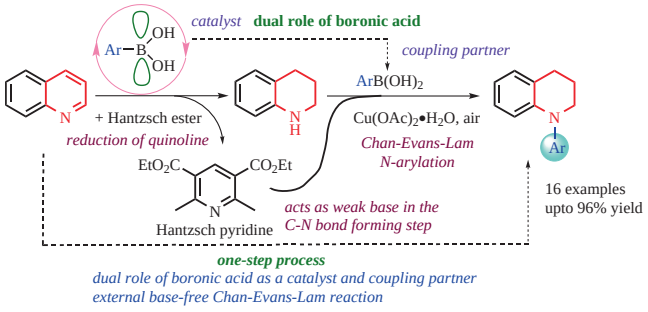

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Cl^-···H–N Interaction Assisted Addition of Sulfonamides to Enol Ethers: Synthesis of 2-Deoxy and 2,6-Dideoxy Sulfonamido Glycosides

Cluster 657

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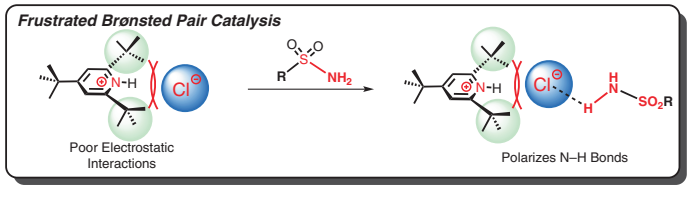

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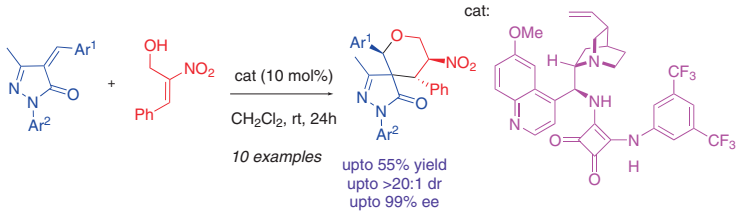
Organocatalytic Asymmetric Oxa-Michael–Michael Reaction of 3-Aryl-2-Nitroprop-2-Enols with Unsaturated Pyrazolones: Synthesis of Spirotetrahydropyranopyrazolones



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DOI: 10.1055/a-1934-1189

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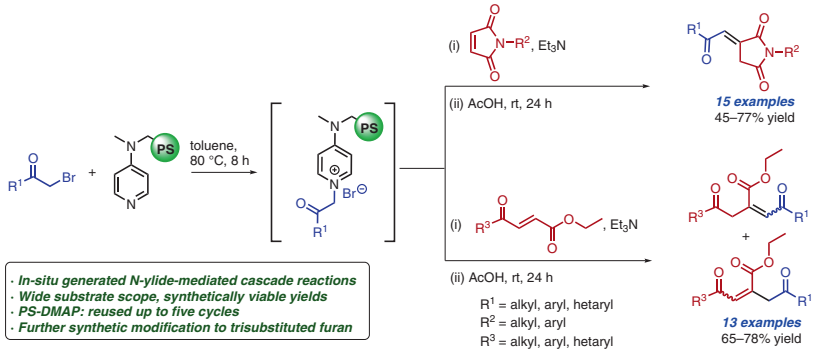
Use of Polymer-Supported 4-(*N*,*N*-Dimethylamino)pyridine in a Formal Conjugate Addition/Elimination Mediated by an *N*-Ylide Generated In Situ for the Construction of Highly Functionalized Itaconimides/Alkenes



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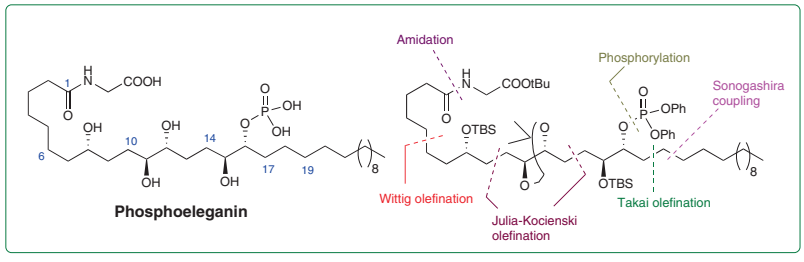
Synthesis of the Key Skeleton of Phosphoeleganin



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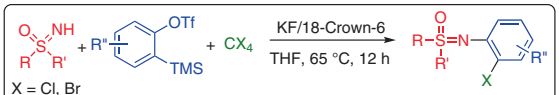
Transition-Metal-Free *N*-(*o*-Halo)arylation of Sulfoximines/Sulfonimidamides



√ **Transition-metal-free route** √ **Inexpensive halogen source**
√ **Access to *N*-(*o*-halo)arylsulfoximines/SIAs**

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