Synlett

Accounts and Rapid Communications in Chemical Synthesis

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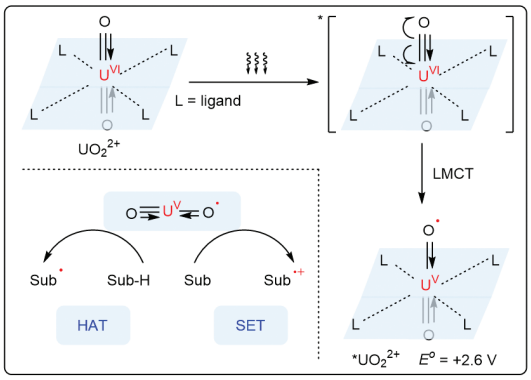
Cluster

Perspectives on Organoheteroatom and Organometallic Chemistry

Editor: Ang Li, Guest Editor: Xuefeng Jiang



Perspectives for Uranyl Photoredox Catalysis

D. Hu, X. Jiang

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Enantioselective Functionalization of Prochiral Cyclobutanones and Cyclobutenones

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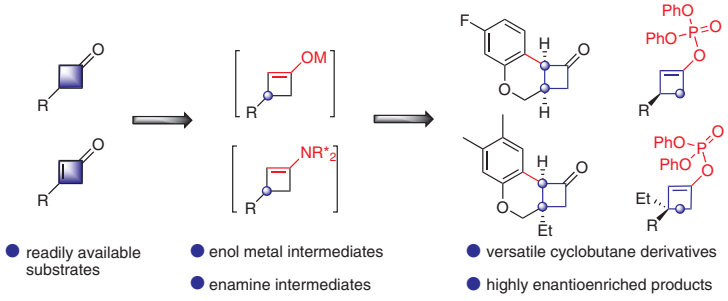

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Cluster Preface: Perspectives on Organoheteroatom and Organometallic Chemistry

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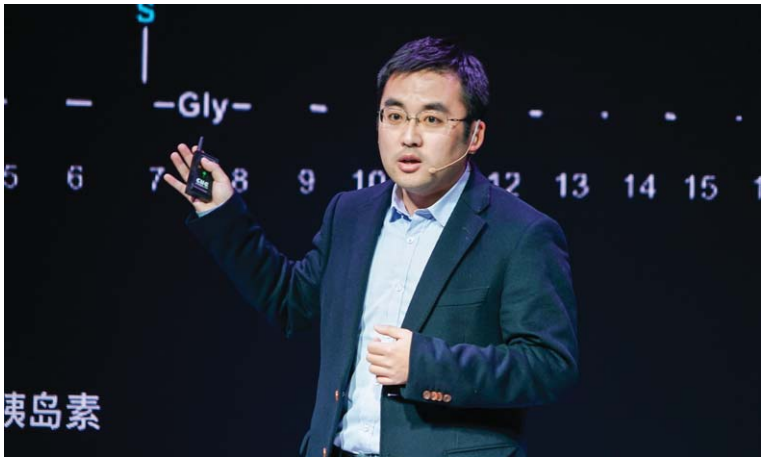
1260



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Modern Organoselenium Catalysis: Opportunities and Challenges

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1262

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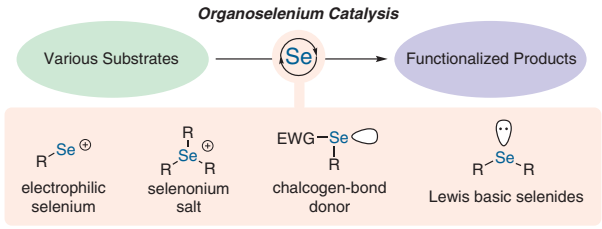

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Titanium: A Unique Metal for Radical Dehydroxylative Functionalization of Alcohols

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1269

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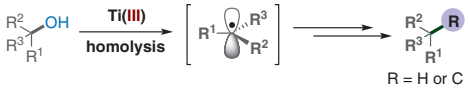

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Sulfur-Mediated Reactions through Sulfonium Salts and Ylides

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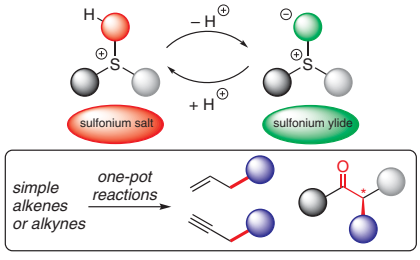

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A Glimpse and Perspective of Current Organosilicon Chemistry from the View of Hydrosilylation and Synthesis of Silicon-Stereogenic Silanes

Cluster Account

1281

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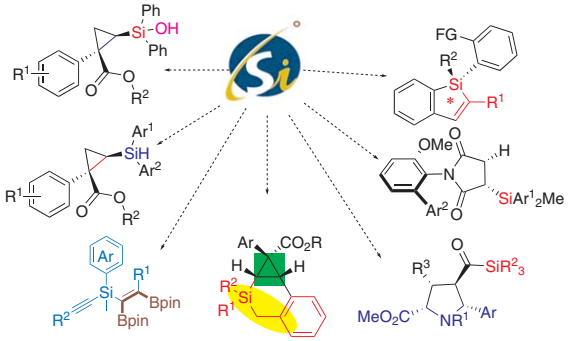

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Recent Advances and the Prospect of Hypervalent Iodine Chemistry

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1289

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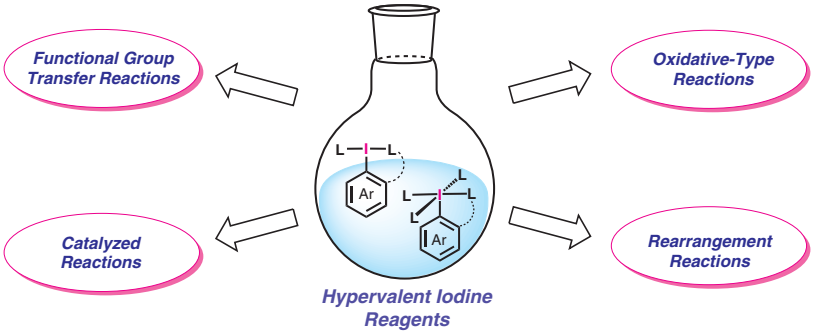

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Recent Advances of Chlorination in Organic Solar Cells

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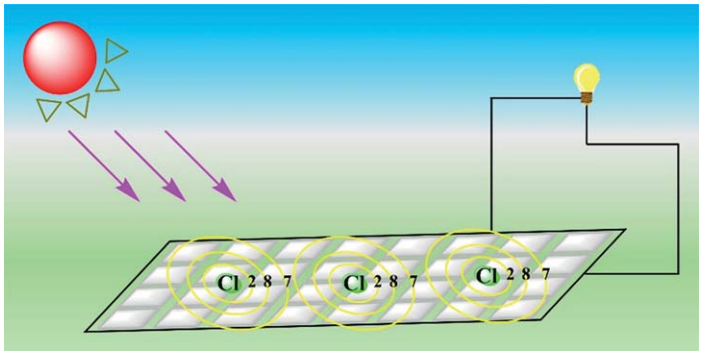

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Recent Progress in the Gold-Catalyzed Annulations of Ynamides with Isoxazole Derivatives via α-Imino Gold Carbenes

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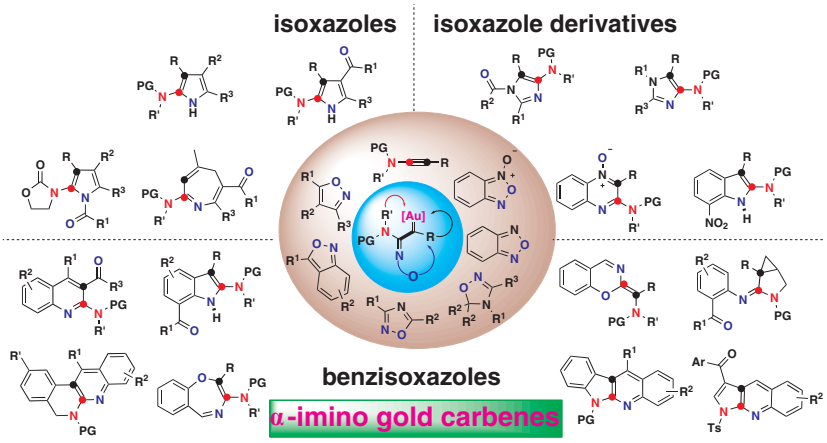

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Strategies of In Situ Generated Magnesium Catalysis in Asymmetric Reactions

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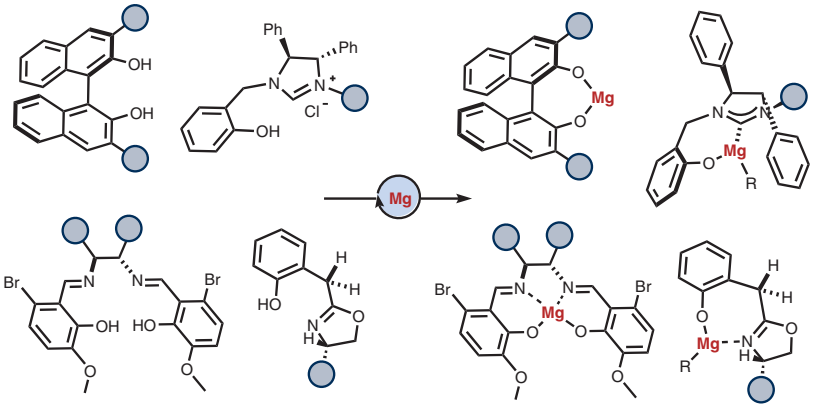

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Perspective on Organoboron Chemistry

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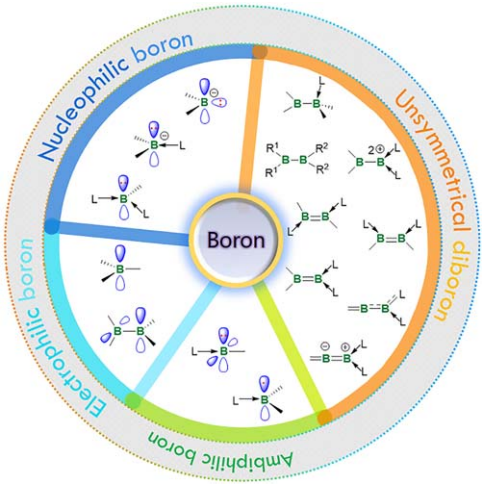

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Manganese-Catalyzed C(sp^2)–H Addition to Polar Unsaturated Bonds

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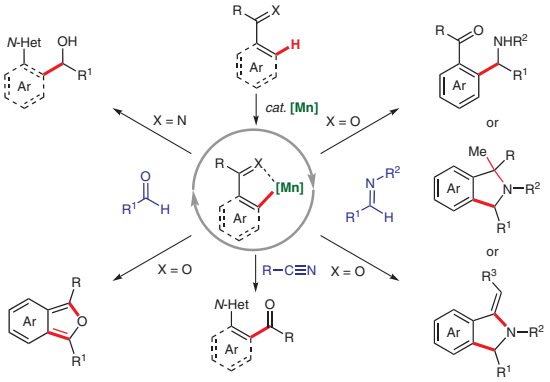
1323



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Perspectives for Uranyl Photoredox Catalysis

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DOI: 10.1055/a-1493-3564

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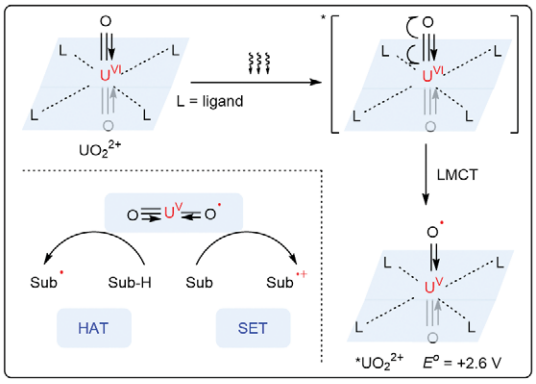
1330



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Chromium-Catalyzed Cross-Coupling Reactions by Selective Activation of Chemically Inert Aromatic C–O, C–N, and C–H Bonds

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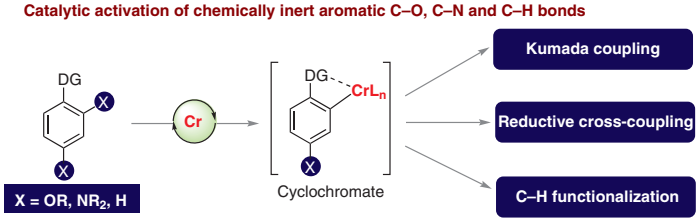
1343



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Recent Advances in C–Br Bond Formation

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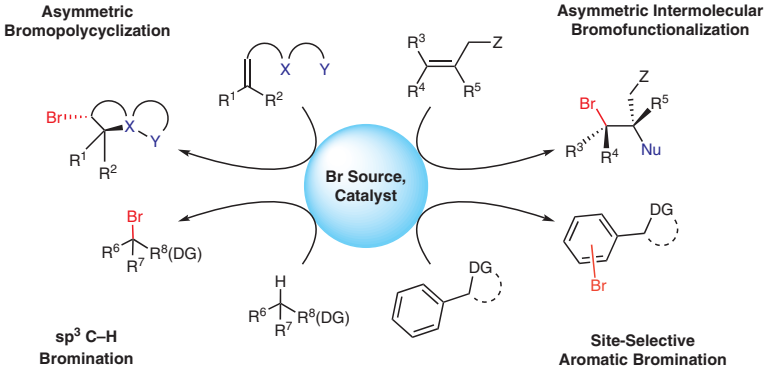
1354



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Iridium(III)-Catalyzed C–H Functionalization of Triarylphosphine Oxides with Diazo Dicarbonyl Compounds: Synthesis of α-Aryl 1,3-Dicarbonyl Derivatives

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DOI: 10.1055/a-1409-1906

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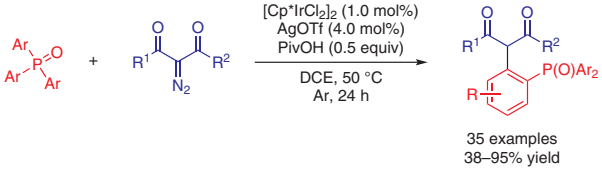

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