

Visible-Light-Catalyzed Regioselective Arylcarboxylation of Allenes with CO₂

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Synlett

Synlett 2025, 36, 1–7
DOI: 10.1055/a-2275-3719

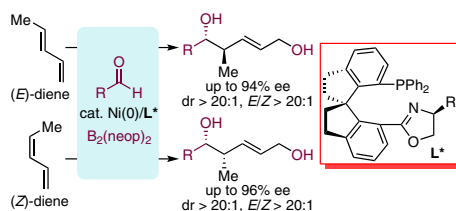
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Nickel-Catalyzed Asymmetric Borylative Coupling of 1,3-Dienes with Aldehydes

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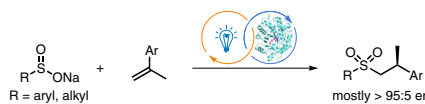
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Chiral Sulfones via Single-Electron Oxidation-Initiated Photoenzymatic Catalysis

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Previous work

- Reduction initiated
- EDA complex required
- GDH/glucose/NADP⁺ required

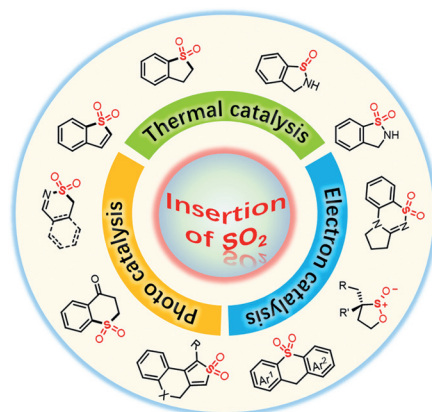
Our work

- Oxidation initiated
- no EDA complex
- no GDH/glucose/NADP⁺

Synlett 2025, 36, 15–28
DOI: 10.1055/a-2301-2909

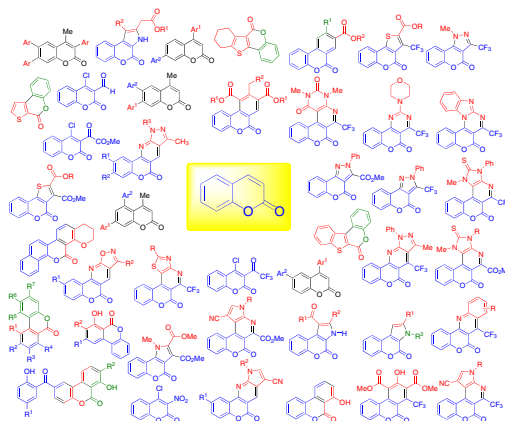
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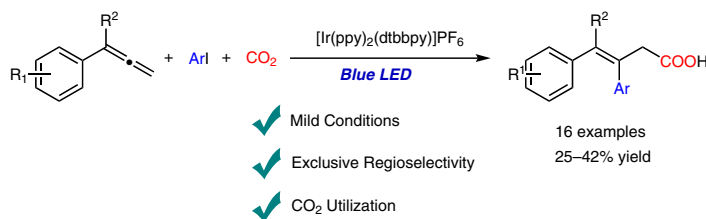
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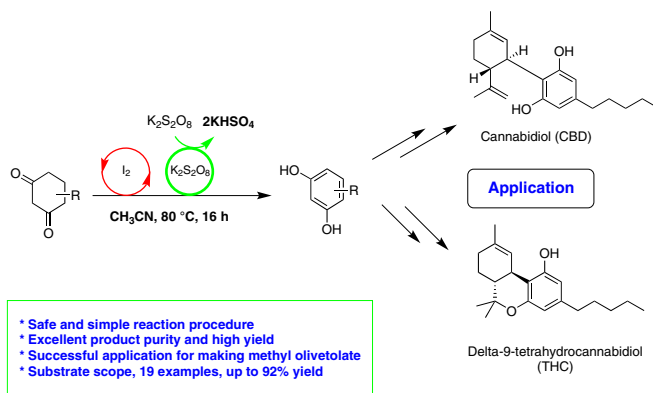
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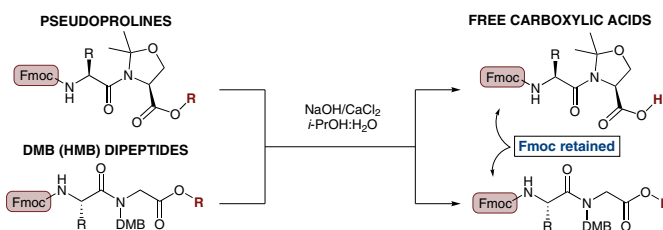
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Synlett 2025, 36, 55–58
DOI: 10.1055/a-2306-9316

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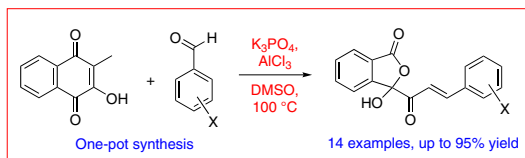
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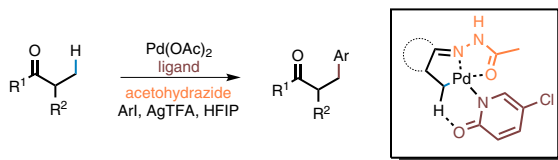


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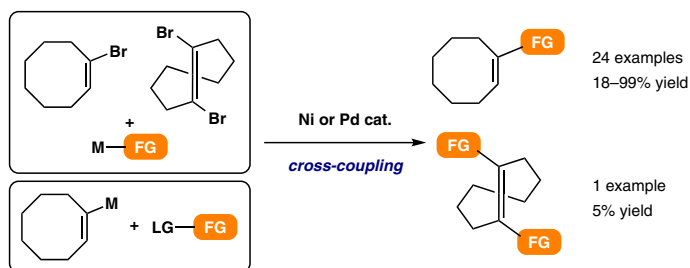
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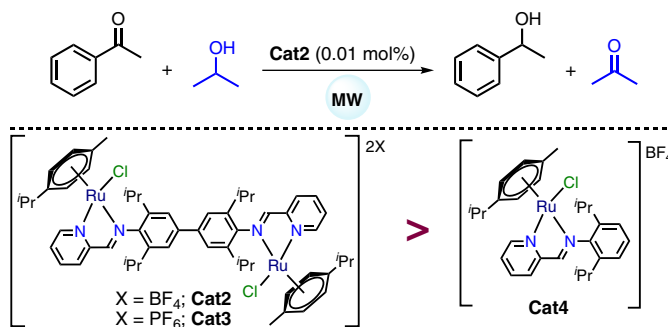
K. Jia
J. Wang
X. Wang
C. Jiang*Nanjing University of Science
and Technology, P. R. of ChinaLigand-Promoted Palladium-Catalyzed β -C(sp³)-H Arylation of Ketones Using Acetohydrazide as a Transient Directing GroupR. Murata
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D. Uraguchi*
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Hokkaido University, Japan

Synthesis of Substituted Cyclooctenes through Cross-Coupling Reactions

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Bombay, India

Microwave-Assisted Transfer Hydrogenation of Carbonyl and Nitro Compounds Using Bimetallic Ru(II) Cymene Complexes

High yield in 10 min. Low catalyst loading. Scale-up synthesis.
Broad substrate scope. High TON and TOF. Mechanistic study.

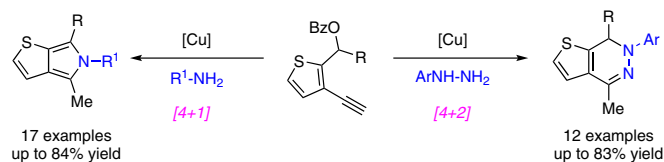
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Synlett 2025, 36, 82–86
DOI: 10.1055/a-2294-5395Y.-Z. Sun
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Copper-Catalyzed [4+1] and [4+2] Reactions through Tandem Remote Propargylation/Cyclization/Isomerization with an Amine or a Hydrazine

Letter

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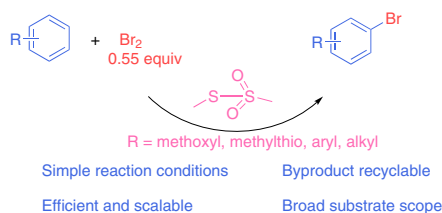
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Synlett 2025, 36, 87–91
DOI: 10.1055/s-0043-1763752S. Wang
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Highly Efficient and Practical Oxidative Bromination of Electron-Rich Arenes Using S-Methyl Methanethiosulfonate as the Oxidant

Letter

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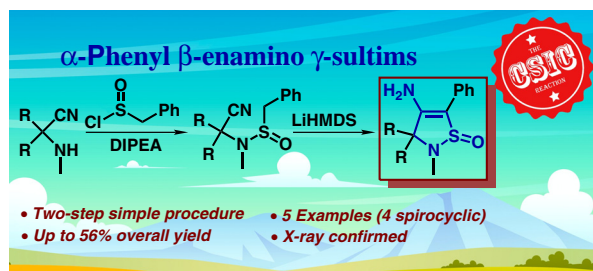
Synlett 2025, 36, 92–96
DOI: 10.1055/s-0043-1763751Y. O. Chuchvera
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Enamine Ltd., Ukraine

Synthesis of α -Phenyl β -Enamino γ -Sultims: the New Horizon of the CSIC Reaction

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