

## Synlett

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## N-Heterocyclic Carbene-Organocatalyzed Arene Formation: Application in Atroposelective Synthesis of Polysubstituted Benzenes

## Synpacts

925

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## Synlett

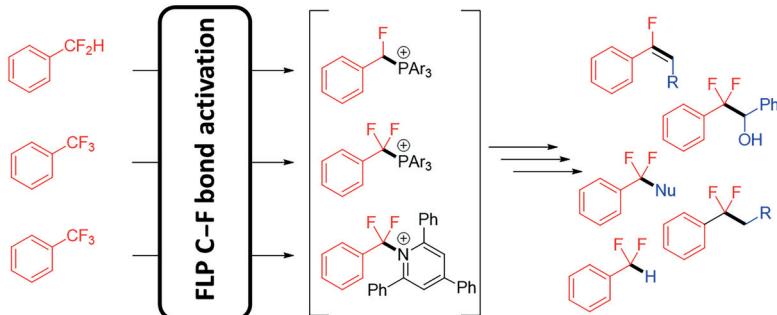
Synlett 2020, 31, 933–937  
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## A Frustrated Lewis Pair Solution to a Frustrating Problem: Mono-Selective Functionalization of C–F Bonds in Di- and Trifluoromethyl Groups

## Synpacts

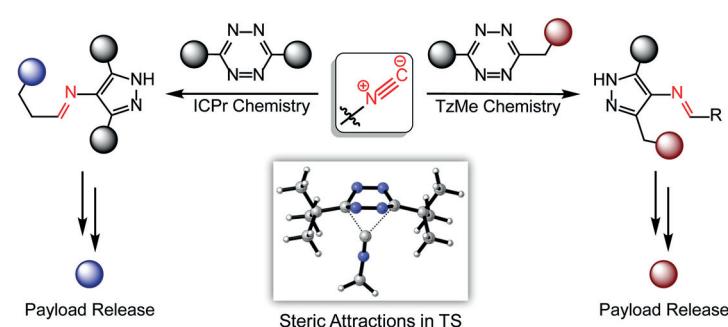
933

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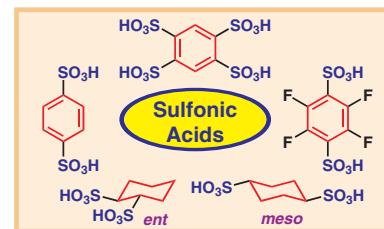
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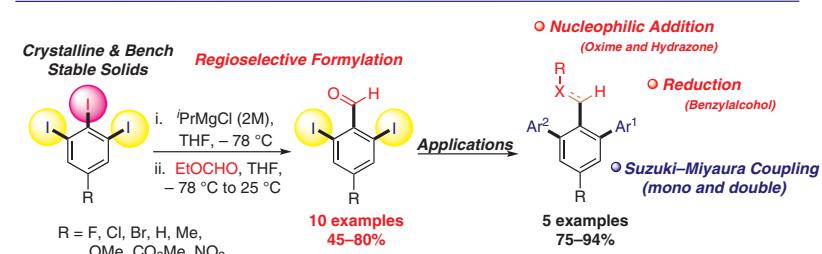
*Synlett* 2020, 31, 945–952  
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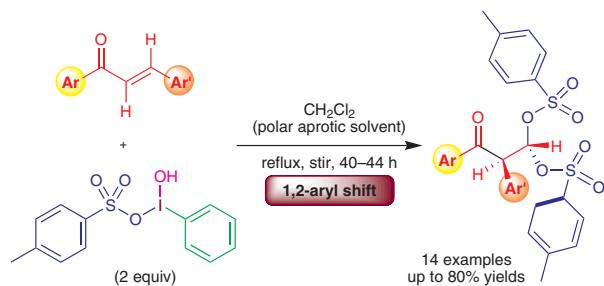
*Synlett* 2020, 31, 953–958  
DOI: 10.1055/s-0040-1708004

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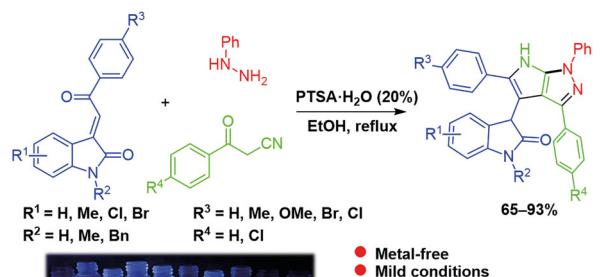


Highlights • Highly regioselective • Scalable (Gram Scale) • High yielding • Two X-ray crystal structures

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- Metal-free
- Mild conditions
- Highly regioselective reaction
- High atom economy
- Waste-free ( $-2\text{H}_2\text{O}$ )
- Four new bonds (3 N–C, 1 C–C)
- 5,5-Fused rings
- 20 Examples
- Excellent fluorescence

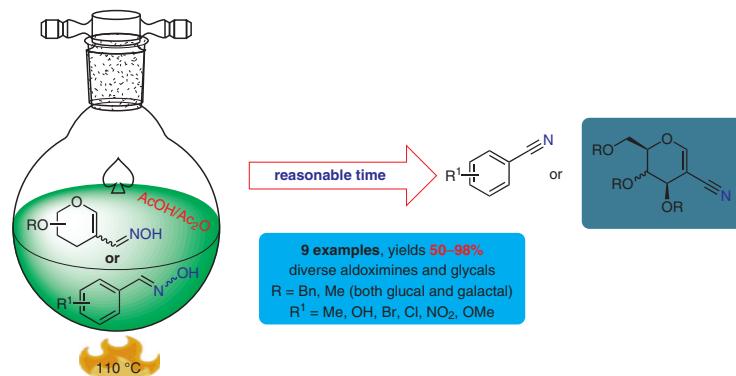
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## Acetic Anhydride–Acetic Acid as a New Dehydrating Agent of Aldoximes for the Preparation of Nitriles: Preparation of 2-Cyanoglycals

Letter

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## The Use of $\alpha$ -Diazo- $\gamma$ -butyrolactams in the Büchner–Curtius–Schlotterbeck Reaction of Cyclic Ketones Opens New Entry to Spirocyclic Pyrrolidones

Letter

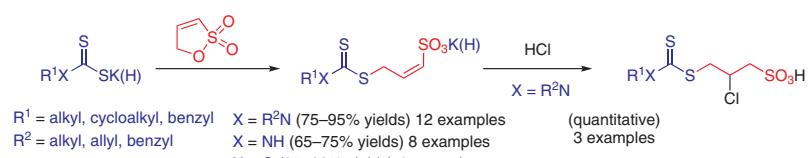
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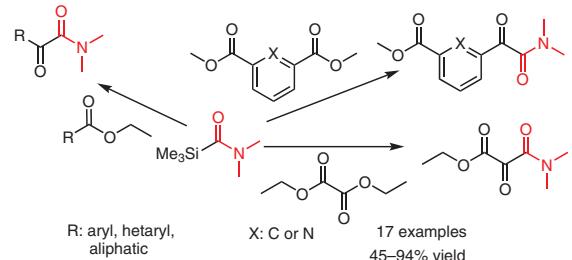


## Synthesis of Novel $\alpha,\beta$ -Unsaturated Sulfonic Acid Derivatives Containing Dithiocarbamate/Xanthate Groups by Ring Opening of an $\alpha,\beta$ -Unsaturated $\gamma$ -Sultone

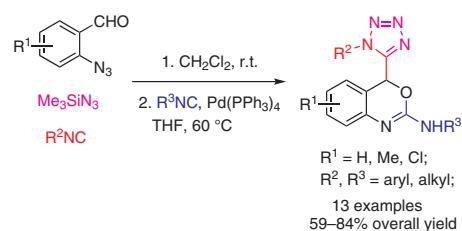
Letter

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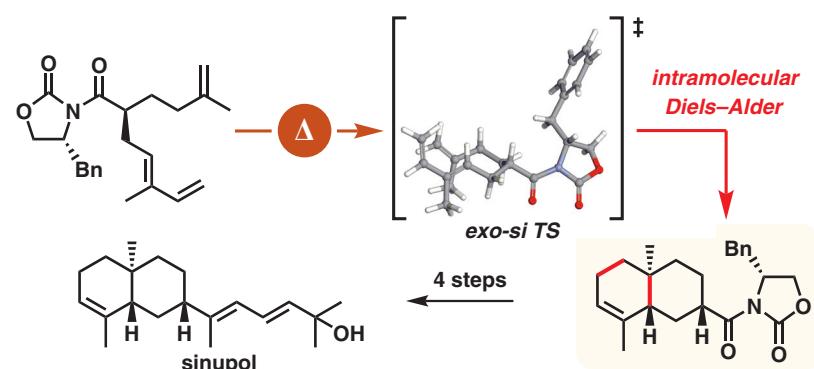
**Practical Approach for the Preparation of  $\alpha$ -Keto Amides by Direct Aminocarbonylation of Carboxylic Esters with a Carbamoylsilane****Letter**  
**991****Y. Han****S. Han****J. Ma****W. Li****J. Chen\***Shanxi Normal University, P. R.  
of China**Lanthanum(III) Trifluoromethanesulfonate Catalyzed Direct Synthesis of Ureas from *N*-Benzoyloxycarbonyl-, *N*-Allyloxycarbonyl-, and *N*-2,2,2-Trichloroethoxycarbonyl-Protected Amines****Letter**  
**997****T. Bui****H.-K. Kim\***Jeonbuk National University  
Medical School and Hospital, Republic of Korea**Efficient Synthesis of 4*H*-3,1-Benzoxazine Derivatives via One-Pot Sequential Passerini-Azide/Palladium-Catalyzed Azide–Isocyanide Coupling/Cyclization Reaction****Letter**  
**1003****Q.-X. Feng****Z.-Y. Mu****G. Yao****J.-A. Zhang****H.-T. He****Y.-L. Pang****J. Xiong\***

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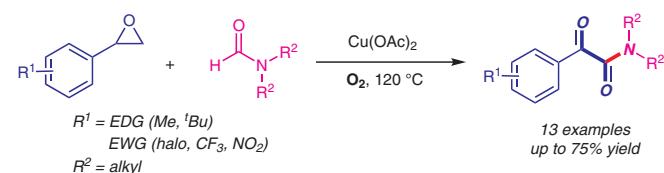
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### A Versatile, Diels–Alder Reaction-Based Approach to Prenyleudesmane Diterpenoids: A Concise Total Synthesis of Sinopol

**Letter****1007**

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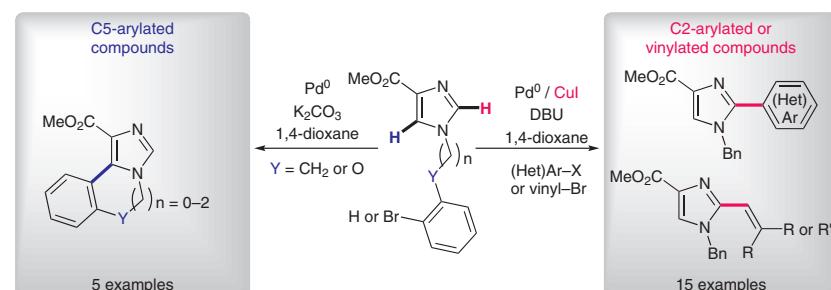
### Copper-Mediated Synthesis of Aryl $\alpha$ -Keto Amides from Epoxide Derivatives

**Letter****1011**

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### Pd(0)-Catalyzed Direct Inter- and Intramolecular C–H Functionalization of 4-Carboxyimidazoles

**Letter****1015**

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