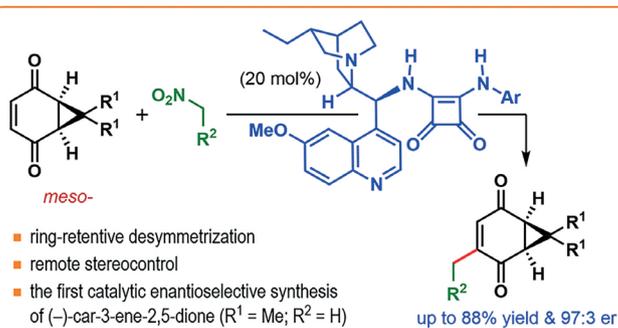


## Special Issue

Chemical Synthesis and Catalysis in India (Part II)

Editor: Benjamin List

Guest Editors: Santanu Mukherjee, Debabrata Maiti



**Catalytic Enantioselective Desymmetrization of *meso*-Cyclopropane-Fused Cyclohexene-1,4-diones by a Formal C(sp<sup>2</sup>)-H Alkylation**

**S. Ray, S. Mukherjee**

7

## Synlett

Synlett 2023, 34, 683–697  
DOI: 10.1055/a-1890-8503

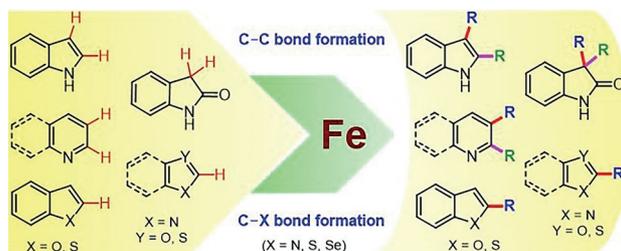
**C. Pradhan**  
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## Advances in the Iron-Catalyzed Direct Functionalizations of Heterocycles

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683



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Synlett 2023, 34, 698–708  
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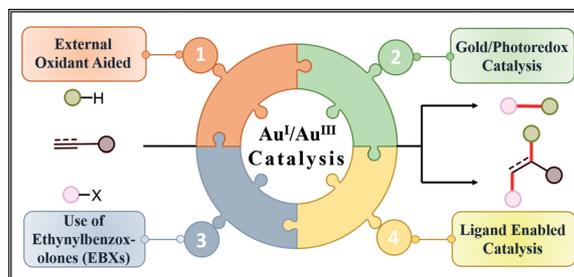
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## Gold-Catalyzed Cross-Coupling and 1,2-Difunctionalization Reactions: A Personal Account

Cluster Account

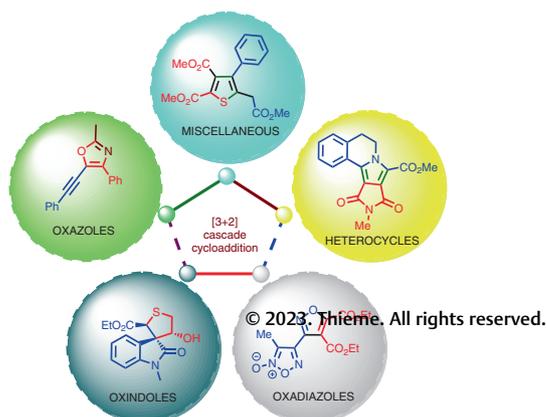
698



Synlett 2023, 34, 709–728  
DOI: 10.1055/s-0042-1751369

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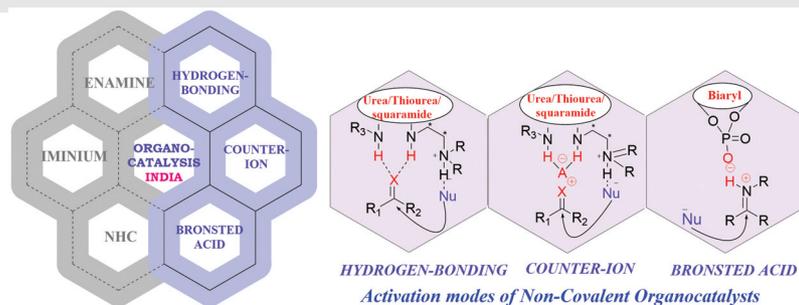
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DOI: 10.1055/s-0042-1751370

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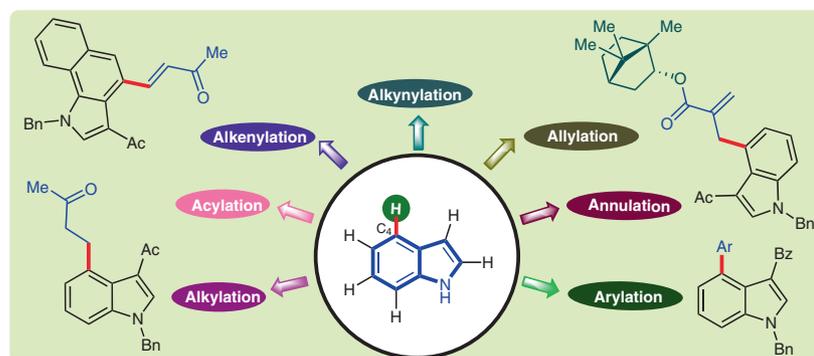
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DOI: 10.1055/a-1928-3466

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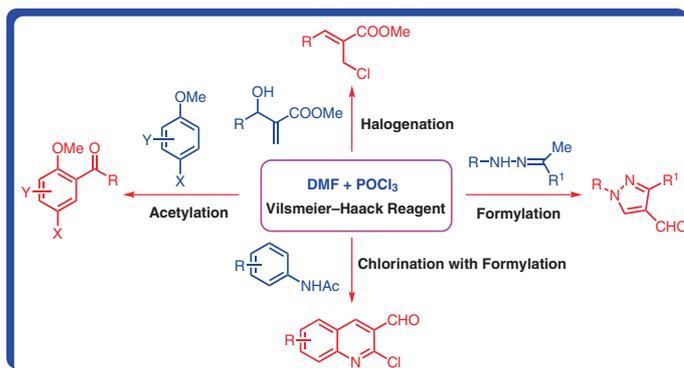
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Synlett 2023, 34, 777–792  
DOI: 10.1055/s-0042-1751421

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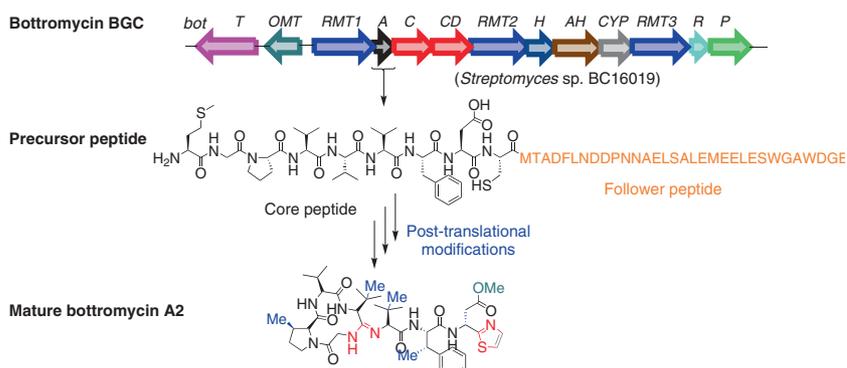
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Synlett 2023, 34, 793–806  
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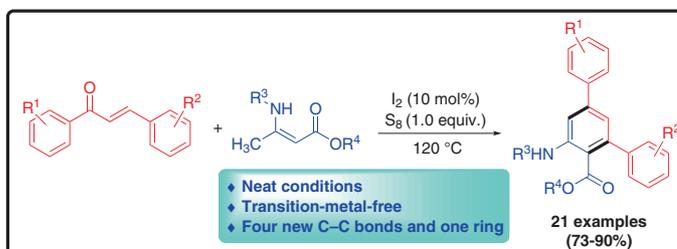
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Synlett 2023, 34, 807–814  
DOI: 10.1055/a-1903-5174

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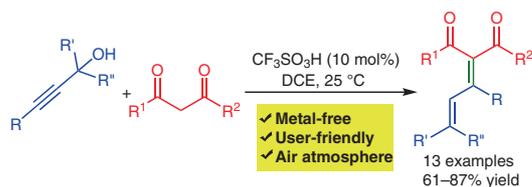
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Synlett 2023, 34, 815–822  
DOI: 10.1055/s-0042-1752339G. Kalita  
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## A Brønsted Acid Catalyzed Easy Access to Conjugated Diene-Diones from Tertiary Propargyl Alcohols and 1,3-Dicarbonyl Compounds

Cluster

815



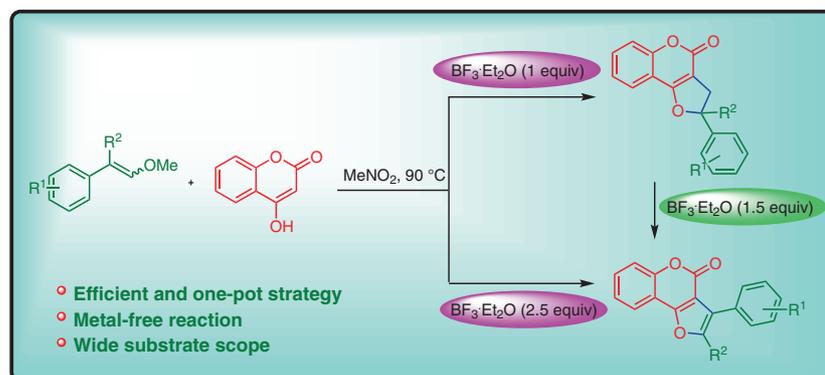
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Synlett 2023, 34, 823–828  
DOI: 10.1055/a-1912-3884S. A. Ahmad  
F. A. Khan\*Indian Institute of Technology  
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## Boron Trifluoride Etherate-Controlled Reactions of Methyl Enol Ethers: Selective Synthesis of Dihydrofuro[3,2-c]chromenone and Furo[3,2-c]chromenone Derivatives

Cluster

823



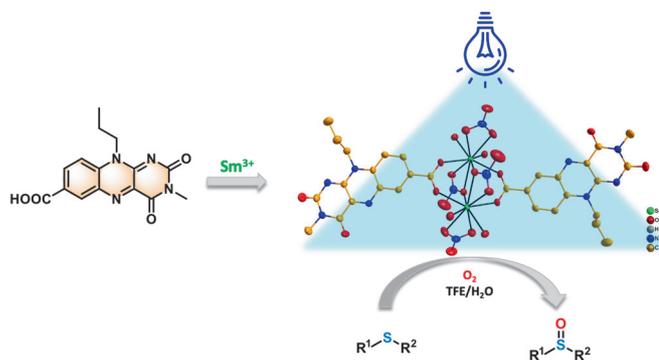
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Synlett 2023, 34, 829–834  
DOI: 10.1055/a-1928-3417M. S. Mouli  
S. Katyal  
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## Design and Synthesis of a Flavin–Samarium Complex as an Efficient Photocatalyst for Sulfoxidation Reactions

Cluster

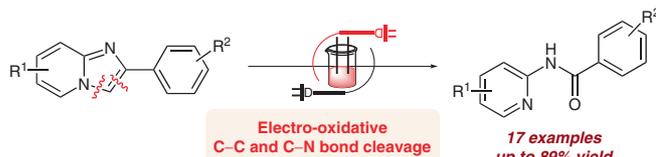
829



S. Ghosh  
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cation and Research Kolkata,  
IndiaEasy Access to *N*-(Pyridin-2-yl)benzamides through Electro-oxidative Ring Opening of 2-Arylimidazo[1,2-*a*]pyridines

Cluster

835



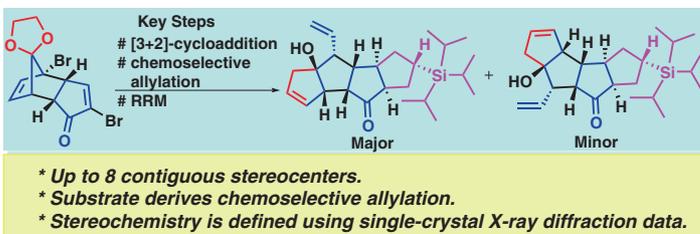
- external oxidant free
- aromatic ring cleavage
- mild reaction conditions

S. Kotha\*  
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## Synthesis of Linear Tetraquinanes by [3+2] Cycloaddition, Chemoselective Allylation of 7-Ketonorbornene, and Ring-Rearrangement Metathesis as Key Steps

Cluster

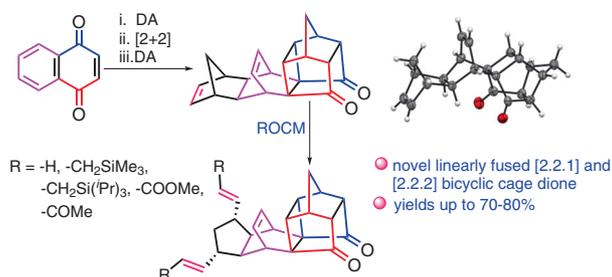
841

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## Strain-Induced Regioselective Ring-Opening Cross-Metathesis of Hybrid Cage Propellane Containing both Bicyclo[2.2.1]heptene and Bicyclo[2.2.2]octene Units

Cluster

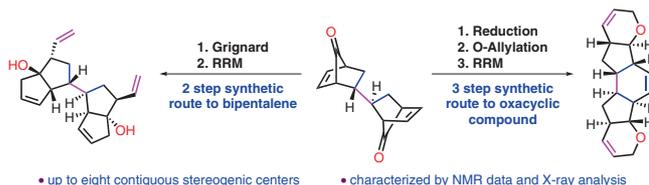
846



Synlett 2023, 34, 850–854  
DOI: 10.1055/a-1921-7296

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K. Jena

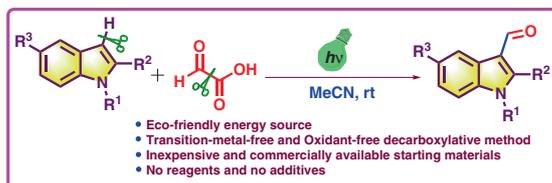
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Synlett 2023, 34, 855–857  
DOI: 10.1055/s-0040-1719936

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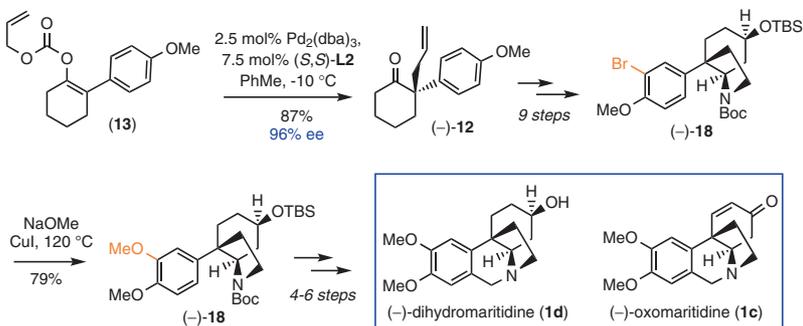
University of Hyderabad, India



Synlett 2023, 34, 858–862  
DOI: 10.1055/a-1912-2378

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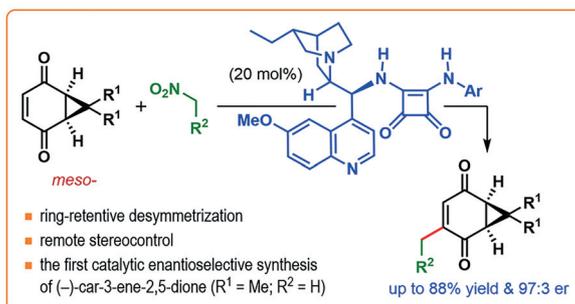
Synlett 2023, 34, 863–867  
DOI: 10.1055/a-1912-3216S. Ray  
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Catalytic Enantioselective Desymmetrization of *meso*-Cyclopropane-Fused Cyclohexene-1,4-diones by a Formal C(sp<sup>2</sup>)-H Alkylation

Cluster

863



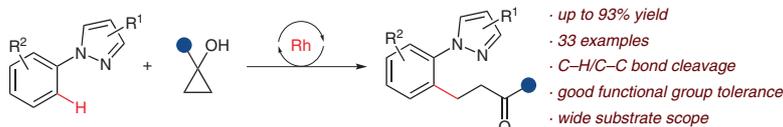
Synlett

Synlett 2023, 34, 868–872  
DOI: 10.1055/a-1970-8537K. Ramachandran  
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## Chelation-Assisted Rhodium-Catalyzed Alkylation of a 1-Arylpyrazole C–H Bond with Cyclopropanols

Cluster

868



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Synlett 2023, 34, 843  
DOI: 10.1055/s-0040-1707617M. Lange  
E. Sennert  
M. A. Suhm

Synlett 2022, 33, 2004.

## London Dispersion-Assisted Low-Temperature Gas Phase Synthesis of Hydrogen Bond-Inserted Complexes

erratum

873