

## Synthesis

*Synthesis* 2019, 51, 1491–1515  
DOI: 10.1055/s-0037-1611715

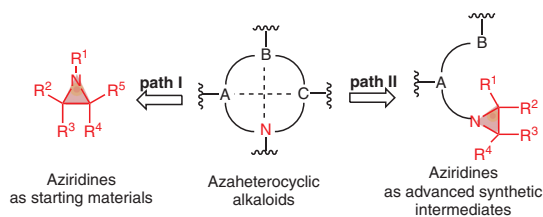
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Studies, South Korea  
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## Deployment of Aziridines for the Synthesis of Alkaloids and Their Derivatives

Review

1491



## Synthesis

*Synthesis* 2019, 51, 1516–1528  
DOI: 10.1055/s-0037-1611714

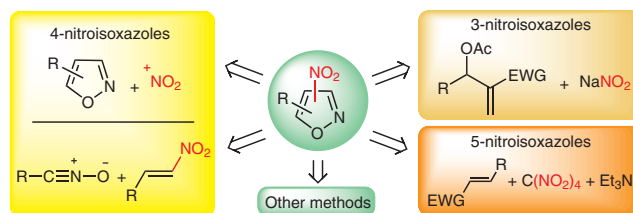
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K. N. Sedenkova  
T. S. Kuznetsova  
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## Synthetic Approaches to Nitro-Substituted Isoxazoles

Short Review

1516



## Synthesis

Synthesis 2019, 51, 1529–1544  
DOI: 10.1055/s-0037-1612123

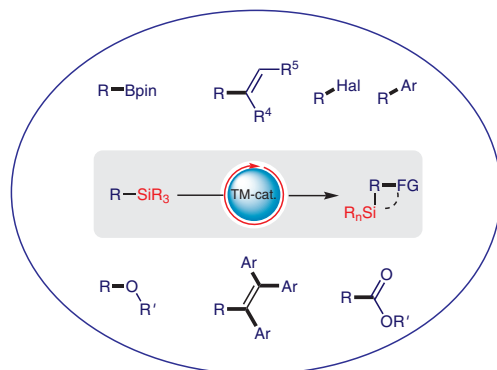
M. Usman  
X.-W. Zhang  
W.-B. Liu\*

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## Silicon-Tethered Frameworks as Directing Groups for Carbon–Carbon and Carbon–Heteroatom Bond Formation

## Short Review

1529



## Synthesis

Synthesis 2019, 51, 1545–1560  
DOI: 10.1055/s-0037-1611708

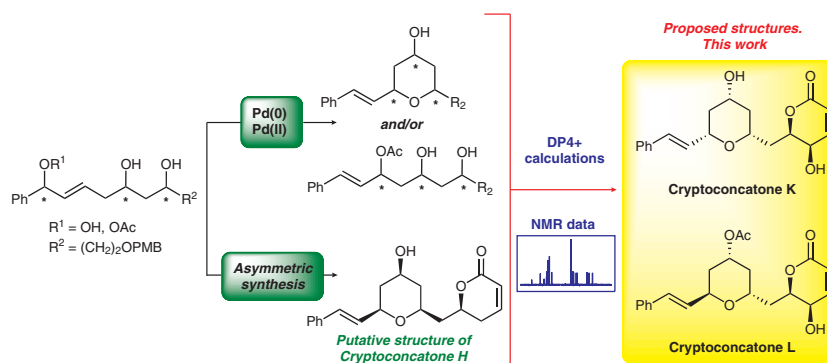
F. Della-Felice  
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A. M. Sarotti  
R. A. Pilli\*

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## Palladium-Catalyzed Formation of Substituted Tetrahydropyrans: Mechanistic Insights and Structural Revision of Natural Products

## Feature

1545



## Synthesis

Synthesis 2019, 51, 1561–1564  
DOI: 10.1055/s-0037-1610356

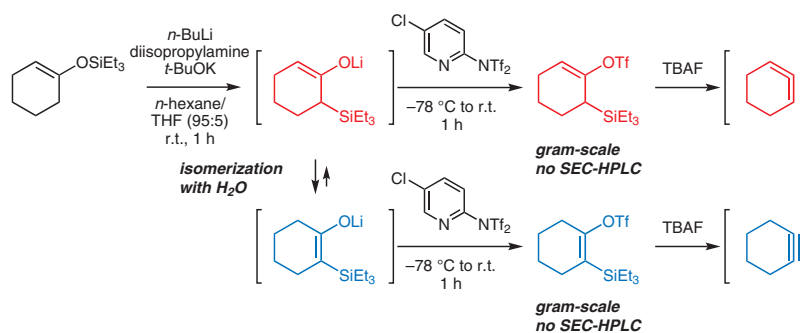
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K. Inoue  
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A. Mori

Kobe University, Japan

## Practical Synthesis of Precursors of Cyclohexyne and 1,2-Cyclohexadiene

## PSP

1561



## Synthesis

*Synthesis* **2019**, *51*, 1565–1577  
DOI: 10.1055/s-0037-1611356

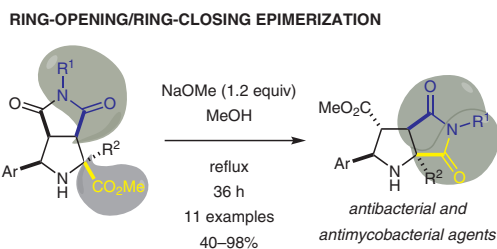
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S. Poyraz  
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### From Bioactive Pyrrolidino[3,4-*c*]pyrrolidines to more Bioactive Pyrrolidino[3,4-*b*]pyrrolidines via Ring-Opening/Ring-Closing Promoted by Sodium Methoxide

Paper

1565



## Synthesis

*Synthesis* **2019**, *51*, 1578–1584  
DOI: 10.1055/s-0037-1611700

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### Palladium-Catalyzed C–H Bond Monofluorination of 2-Arylbenzo[*d*]oxazinone Using Nitrate as Crucial Promoter

Paper

1578



## Synthesis

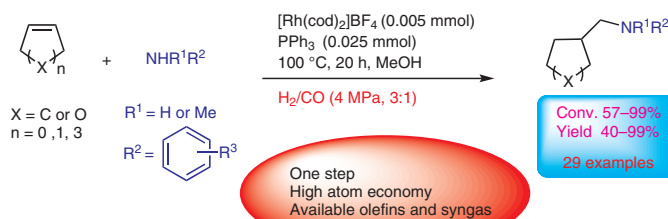
*Synthesis* **2019**, *51*, 1585–1594  
DOI: 10.1055/s-0037-1610681

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### One-Pot Synthesis of N-Arylated Amines by Hydroaminomethylation of 2,5-Dihydrofuran with Aromatic Amines

Paper

1585



## Synthesis

*Synthesis* 2019, 51, 1595–1602  
DOI: 10.1055/s-0037-1610355

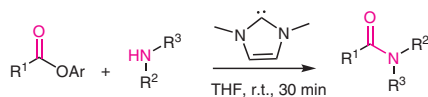
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## An Efficient Catalytic Amidation of Esters Promoted by N-Heterocyclic Carbenes

Paper

1595



primary and secondary amines compatible  
28 examples, 60–97% yield

## Synthesis

*Synthesis* 2019, 51, 1603–1610  
DOI: 10.1055/s-0037-1609636

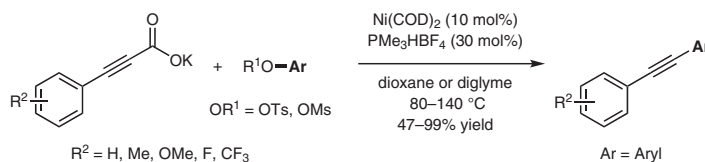
A. Howard  
S. Klemann  
S. Kolling  
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## Nickel-Catalyzed Decarboxylative Coupling of Alkynyl Carboxylates with Aryl Tosylates and Mesylates

Paper

1603



R<sup>2</sup> = H, Me, OMe, F, CF<sub>3</sub>

Ar = Aryl

47–99% yield

## Synthesis

*Synthesis* 2019, 51, 1611–1622  
DOI: 10.1055/s-0037-1610673

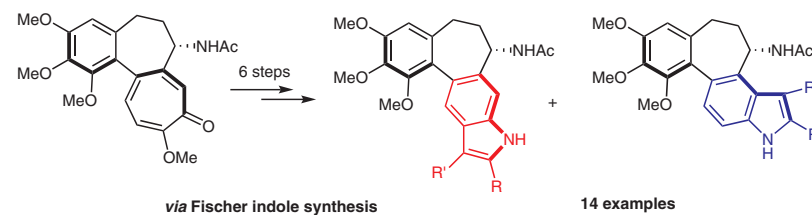
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## A Facile Synthetic Approach to Nonracemic Substituted Pyrroloalcolchicinoids Starting from Natural Colchicine

Paper

1611



via Fischer indole synthesis

14 examples

## Synthesis

*Synthesis* **2019**, *51*, 1623–1632  
DOI: 10.1055/s-0037-1611344

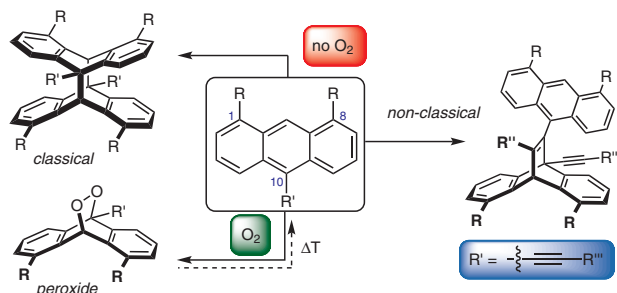
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**J.-H. Peters**  
**B. Neumann**  
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### 1,8,10-Substituted Anthracenes – Hexafunctional Frameworks via Head-to-Tail Photodimerisation

Paper

1623



## Synthesis

*Synthesis* **2019**, *51*, 1633–1642  
DOI: 10.1055/s-0037-1611367

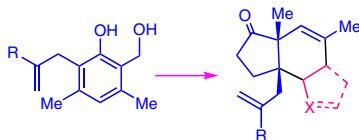
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### Oxidative Dearomatization and Sigmatropic 1,3-Acyl Shift in Excited State: Aromatics to Embellished *cis*-Hydrindanes

Paper

1633



## Synthesis

*Synthesis* **2019**, *51*, 1643–1648  
DOI: 10.1055/s-0037-1610674

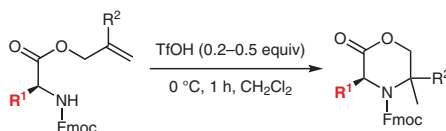
**A. Hadi Aldmairi**  
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### Morpholin-2-one Derivatives via Intramolecular Acid-Catalyzed Hydroamination

Paper

1643



## Synthesis

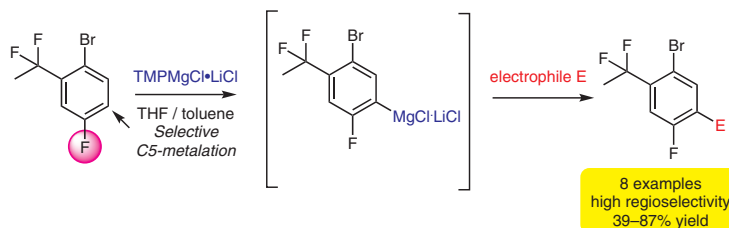
*Synthesis* **2019**, *51*, 1649–1654  
DOI: 10.1055/s-0037-1611938

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### Selective *ortho*-Metalation of a Fluoroarene with Knochel–Hauser Base and Reactions with Various Electrophiles

Paper

1649



## Synthesis

*Synthesis* **2019**, *51*, 1655–1661  
DOI: 10.1055/s-0037-1611355

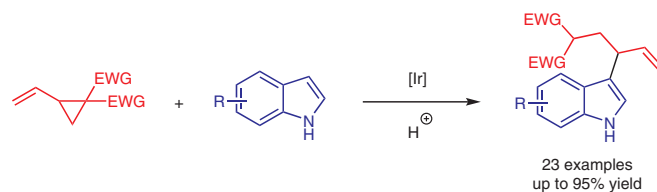
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### C3-Allylation of Indoles via an Iridium-Catalyzed Branch-Selective Ring-Opening Reaction of Vinylcyclopropanes

Paper

1655



## Synthesis

*Synthesis* **2019**, *51*, 1662–1668  
DOI: 10.1055/s-0037-1611945

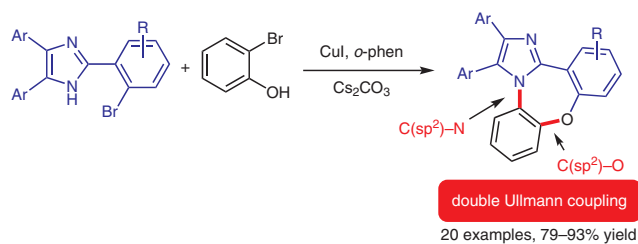
**X.-Y. Chen**  
**Z.-H. Li**  
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### Copper-Catalyzed Synthesis of Dibenzo[*b,f*]imidazo[1,2-*d*][1,4]oxazine Derivatives via a Double Ullmann Coupling Reaction

Paper

1662



Synthesis

Synthesis 2019, 51, 1669–1679  
DOI: 10.1055/s-0037-1610676

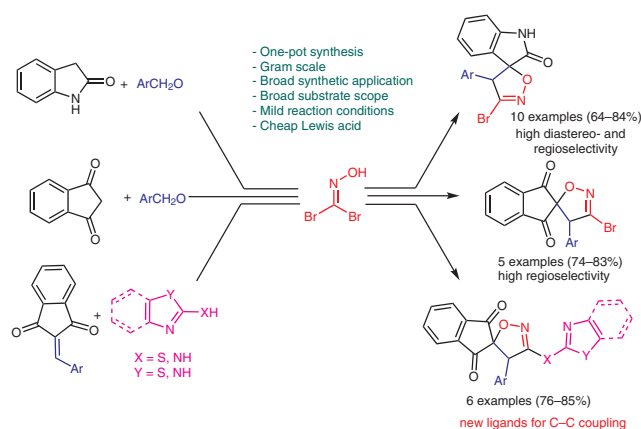
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Lewis Acid Catalyzed Regio- and Diastereoselective Synthesis of Spiroisoxazolines via One-Pot Sequential Knoevenagel Condensation/1,3-Dipolar Cycloaddition Reaction

Paper

1669



Synthesis

Synthesis 2019, 51, 1680–1688  
DOI: 10.1055/s-0037-1610675

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Palladium-Catalyzed Carbonylation of Coumarin C(sp<sup>2</sup>)-H Bonds: A New Entry to Arylcoumarin Ketones

Paper

1680

