

## Synthesis

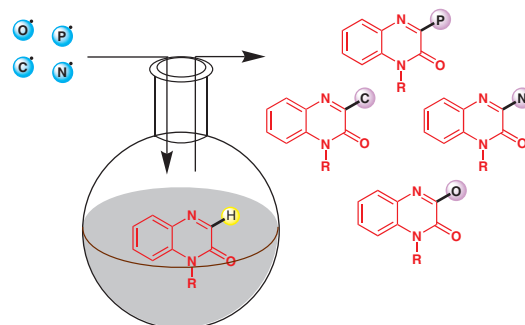
*Synthesis* 2019, 51, 4113–4136  
DOI: 10.1055/s-0037-1611910

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## Recent Developments in Direct C–H Functionalization of Quinoxalin-2(1H)-ones via Radical Addition Processes

Review

4113



## Synthesis

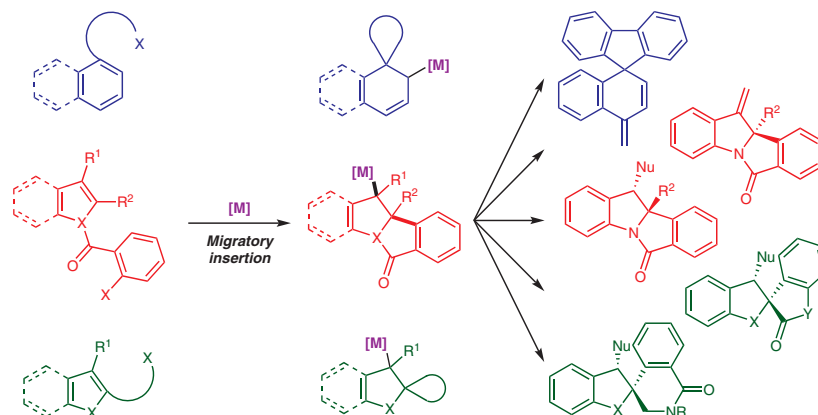
*Synthesis* 2019, 51, 4137–4146  
DOI: 10.1055/s-0037-1611918

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**M. Lautens\***  
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## Migratory Insertion Strategies for Dearomatization

Short Review

4137



## Synthesis

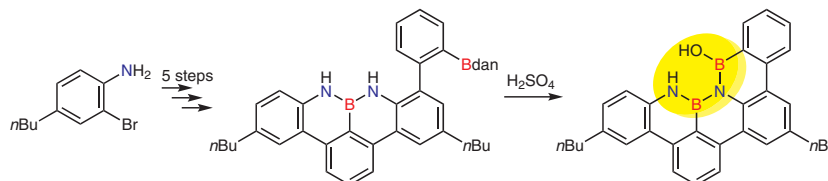
*Synthesis* 2019, 51, 4147–4152  
DOI: 10.1055/s-0039-1690687

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S. Stocker  
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## New Synthesis of a Dibenzoperylene Motif Featuring a Doubly Boron–Nitrogen-Doped Bay Region

## Feature

4147



## Synthesis

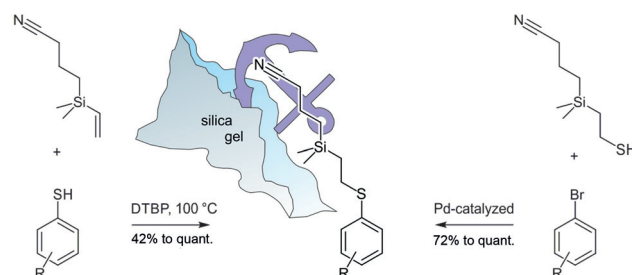
*Synthesis* 2019, 51, 4153–4164  
DOI: 10.1055/s-0039-1690184

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P. S. Rieder  
M. Mayor\*  
University of Basel, Switzerland

## 2-(3-Cyanopropyl)dimethylsilyl)ethyl as a Polar Sulfur Protecting Group

## Paper

4153



## Synthesis

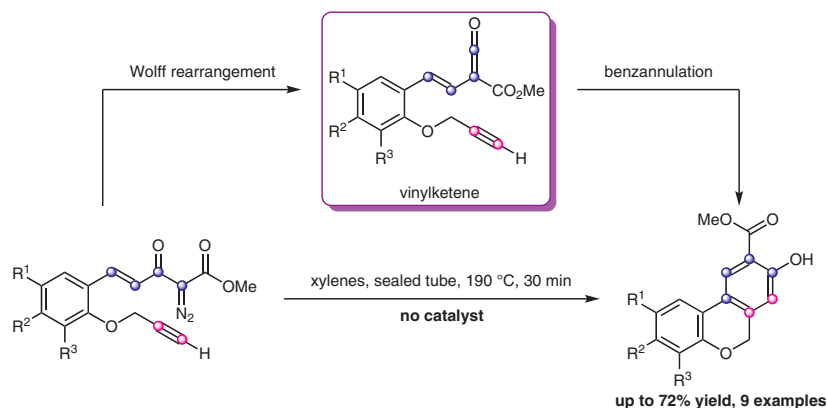
*Synthesis* 2019, 51, 4165–4169  
DOI: 10.1055/s-0039-1690191

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D. Wu  
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Y. Wang  
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Thermally Induced Intramolecular Benzannulation of Diazoacetoacetate Enones Tethered with Unactivated Alkynes: Synthesis of Substituted 6*H*-Benzo[*c*]chromenes

## Paper

4165



## Synthesis

Synthesis 2019, 51, 4170–4182  
DOI: 10.1055/s-0039-1690618

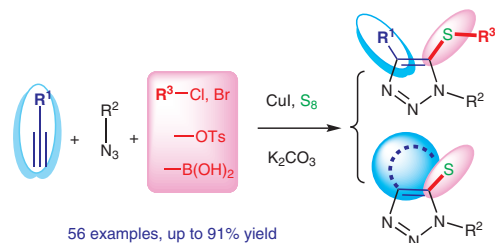
L.-L. Zhang  
Y.-T. Li  
T. Gao  
S.-S. Guo  
B. Yang  
Z.-H. Meng  
Q.-P. Dai  
Z.-B. Xu\*  
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## Efficient Synthesis of Diverse 5-Thio- or 5-Selenotriazoles: One-Pot Multicomponent Reaction from Elemental Sulfur or Selenium

Paper

4170



## Synthesis

Synthesis 2019, 51, 4183–4197  
DOI: 10.1055/s-0039-1690185

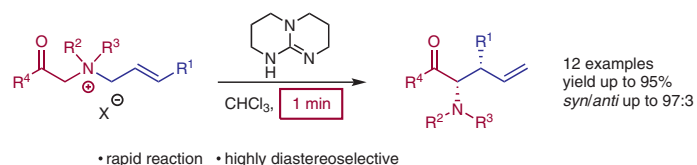
A. Murre  
K. Erkman  
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## Diastereoselective [2,3]-Sigmatropic Rearrangement of N-Allyl Ammonium Ylides

Paper

4183



## Synthesis

Synthesis 2019, 51, 4198–4204  
DOI: 10.1055/s-0039-1690484

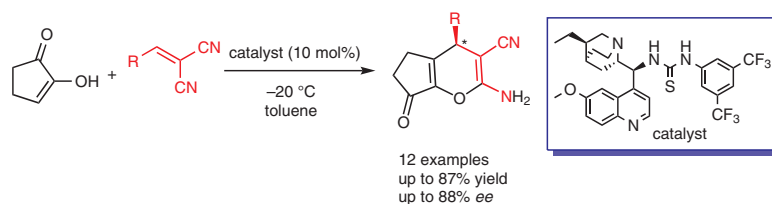
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## Asymmetric Organocatalytic Michael Addition–Cyclisation Cascade of Cyclopentane-1,2-dione with Alkylidene Malononitriles

Paper

4198



## Synthesis

*Synthesis* 2019, 51, 4205–4214  
DOI: 10.1055/s-0039-1690616

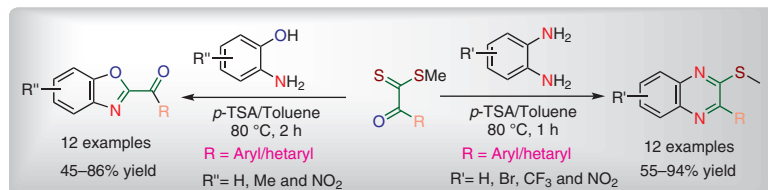
K. R. Kiran  
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K. P. Sukrutha  
J. B. Shruthi  
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K. S. Rangappa\*  
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### Acid-Catalyzed Condensation of *o*-Phenylenediamines and *o*-Aminophenols with $\alpha$ -Oxodithioesters: A Divergent and Regioselective Synthesis of 2-Methylthio-3-aryl/Heteroarylquinoxalines and 2-Acylbenzoxazoles

Paper

4205



## Synthesis

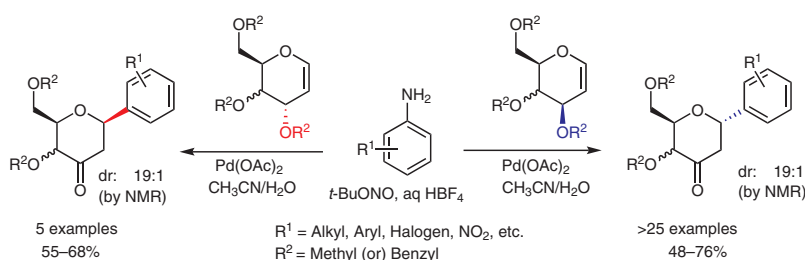
*Synthesis* 2019, 51, 4215–4230  
DOI: 10.1055/s-0037-1611916

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R. Venkatesh  
J. Kandasamy\*  
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### Palladium-Catalyzed One-Pot Stereospecific Synthesis of 2-Deoxy Aryl C-Glycosides from Glycals and Anilines in the Presence of *tert*-Butyl Nitrite

Paper

4215



## Synthesis

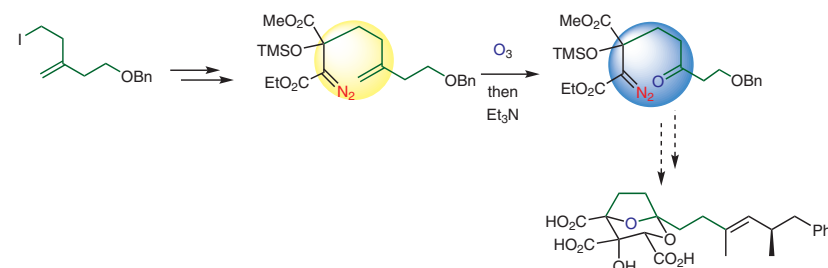
*Synthesis* 2019, 51, 4231–4238  
DOI: 10.1055/s-0039-1690180

H. A. A. Almohseni  
Y. Fegheh-Hassanpour  
T. Arif  
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### Alkene Ozonolysis in the Presence of Diazo Functionality: Accessing an Intermediate for Squalestatin Synthesis

Paper

4231



## Synthesis

*Synthesis* 2019, 51, 4239–4248  
DOI: 10.1055/s-0039-1690190

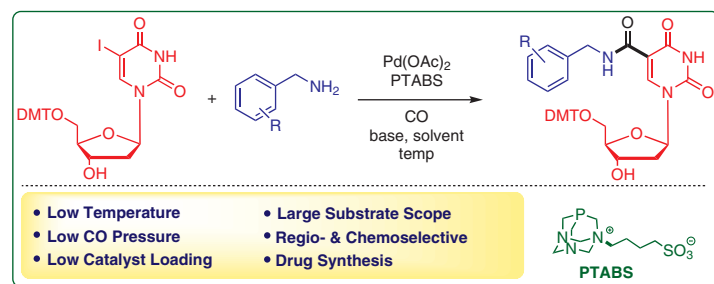
S. Bhilare  
J. Shah  
V. Gaikwad  
G. Gupta  
Y. S. Sanghvi  
B. M. Bhanage  
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## Pd/PTABS: An Efficient Catalytic System for the Aminocarbonylation of a Sugar-Protected Nucleoside

Paper

4239



## Synthesis

*Synthesis* 2019, 51, 4249–4252  
DOI: 10.1055/s-0039-1690617

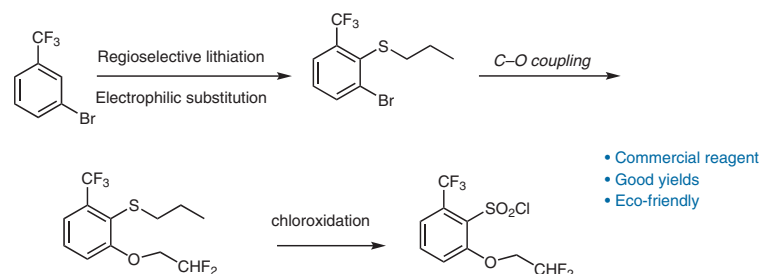
S. S. Huang  
Z. J. Zheng\*  
Y. M. Cui  
Z. Xu  
K. F. Yang  
L. W. Xu\*

Hangzhou Normal University,  
P. R. of China

## Convenient Synthesis of 2-(2,2-Difluoroethoxy)-6-(trifluoromethyl)-benzenesulfonyl Chloride, A Key Building Block of Penoxsulam

Paper

4249



## Synthesis

*Synthesis* 2019, 51, 4253–4262  
DOI: 10.1055/s-0039-1690164

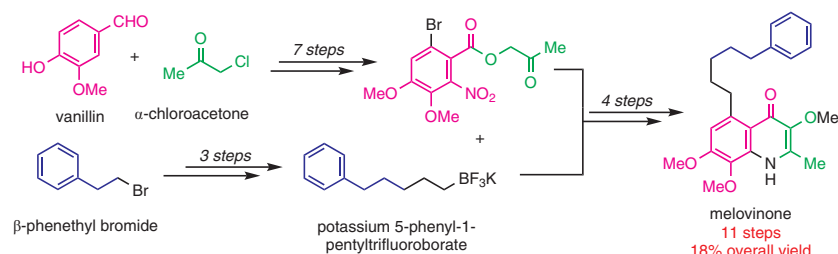
A. A. Arroyo Aguilar  
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Convergent First Total Synthesis of Melovinine: A Densely Substituted 3-Methoxy-4-quinolone Isolated from *Melochia tomentosa* L.

Paper

4253



## Synthesis

Synthesis 2019, 51, 4263–4270  
DOI: 10.1055/s-0039-1690680

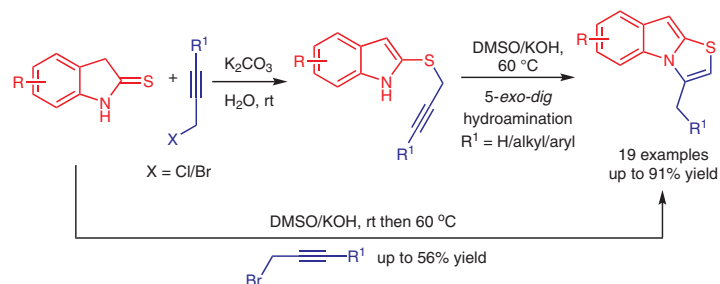
S. Short  
S. Rhodes  
V. S. Bhawe  
R. Hojo  
M. Jha\*

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### Metal-Free Hydroamination of Alkynes: A Mild and Concise Synthesis of Thiazolo[3,2-*a*]indoles and their Cytotoxic Activity

Paper

4263



## Synthesis

Synthesis 2019, 51, 4271–4278  
DOI: 10.1055/s-0039-1690612

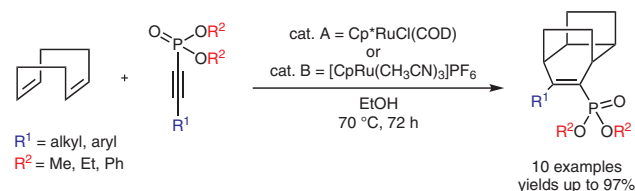
D. Petko  
A. Pounder  
W. Tam\*

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### Ruthenium-Catalyzed [2+2+2] Bis-Homo-Diels–Alder Cycloadditions of 1,5-Cyclooctadiene with Alkynyl Phosphonates

Paper

4271



## Synthesis

Synthesis 2019, 51, 4279–4283  
DOI: 10.1055/s-0039-1690126

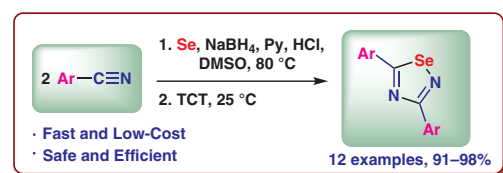
S. Majnooni  
Z. Almansaf  
M. Tsuji  
A. R. Khosropour\*  
H. Zali-Boeini\*  
M. H. Beyzavi\*

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University of Arkansas, USA

### Straightforward and Expedient One-Pot Tandem Synthesis of 3,5-Diaryl-1,2,4-Selenadiazoles from Aryl Nitriles

Paper

4279



Synthesis

Synthesis 2019, 51, 4284–4290  
DOI: 10.1055/s-0039-1690613

D. Dar'in

G. Kantin

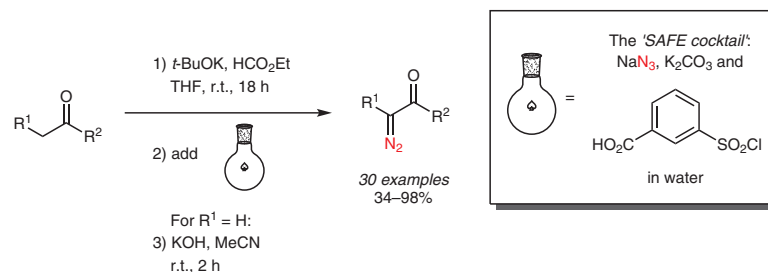
M. Krasavin\*

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Practical Application of the Aqueous 'Sulfonyl-Azide-Free' (SAFE) Diazo Transfer Protocol to Less  $\alpha$ -C-H Acidic Ketones and Esters

Paper

4284



Synthesis

Synthesis 2019, 51, 4291–4295  
DOI: 10.1055/s-0037-1611919

G. S. Ghotekar

M. Mujahid

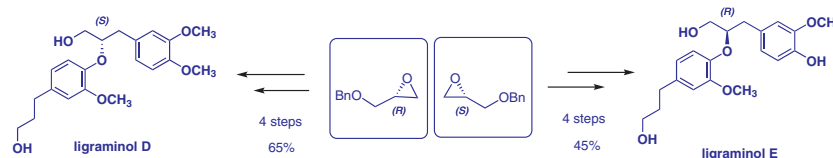
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Efficient Synthesis of Optically Active Neolignans Ligraminol D and E

Paper

4291



Synthesis

Synthesis 2019, 51, 4296–4310  
DOI: 10.1055/s-0039-1690619

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Accessing Tricyclic Imines Comprising a 2-Azabicyclo[2.2.2]octane Scaffold by Intramolecular Hetero-Diels-Alder Reaction of 4-Alkenyl-Substituted *N*-Silyl-1,4-dihydropyridines

Paper

4296

