

Synthesis

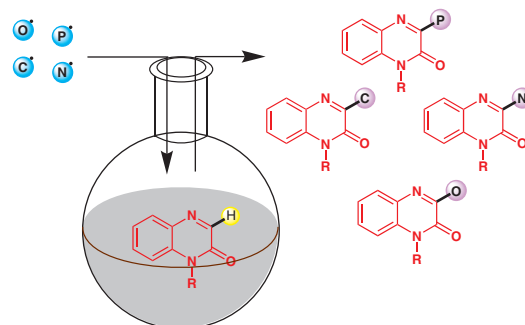
Synthesis 2019, 51, 4113–4136
DOI: 10.1055/s-0037-1611910

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

Review

4113



Synthesis

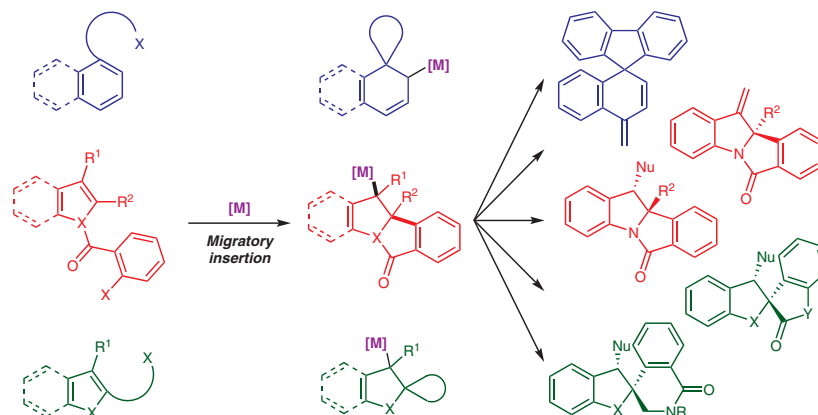
Synthesis 2019, 51, 4137–4146
DOI: 10.1055/s-0037-1611918

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Migratory Insertion Strategies for Dearomatization

Short Review

4137



Synthesis

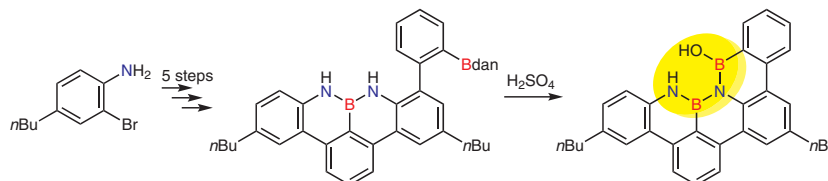
Synthesis **2019**, *51*, 4147–4152
DOI: 10.1055/s-0039-1690687

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New Synthesis of a Dibenzoperylene Motif Featuring a Doubly Boron–Nitrogen-Doped Bay Region

Feature

4147



Synthesis

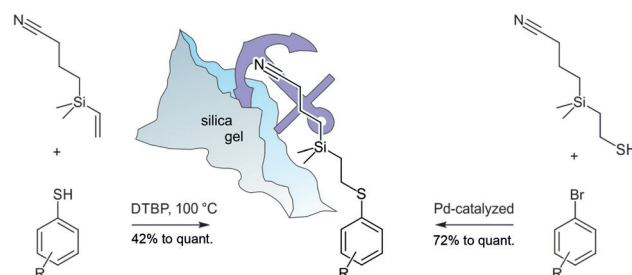
Synthesis **2019**, *51*, 4153–4164
DOI: 10.1055/s-0039-1690184

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

Paper

4153



Synthesis

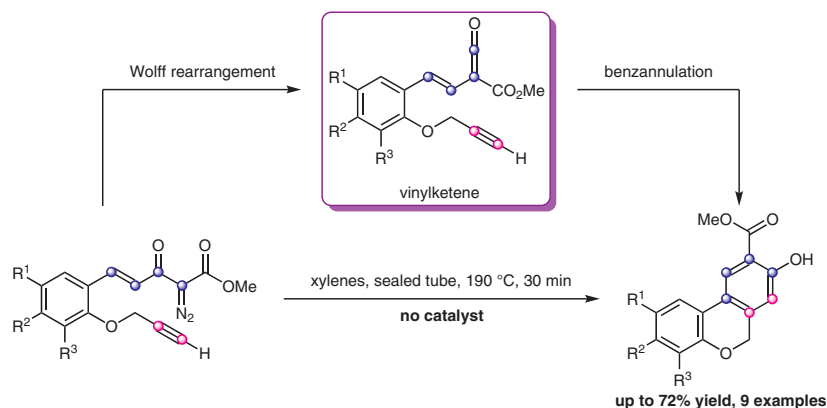
Synthesis **2019**, *51*, 4165–4169
DOI: 10.1055/s-0039-1690191

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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

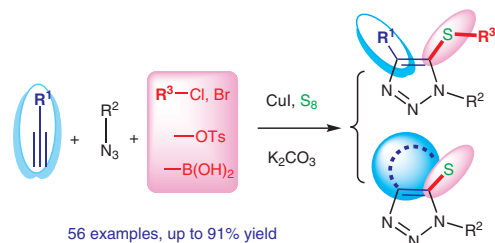
L.-L. Zhang
Y.-T. Li
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Efficient Synthesis of Diverse 5-Thio- or 5-Selenotriazoles: One-Pot Multicomponent Reaction from Elemental Sulfur or Selenium

Paper

4170



Synthesis

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

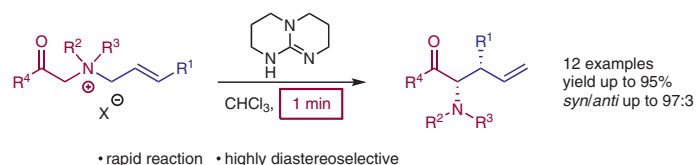
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Diastereoselective [2,3]-Sigmatropic Rearrangement of N-Allyl Ammonium Ylides

Paper

4183



Synthesis

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

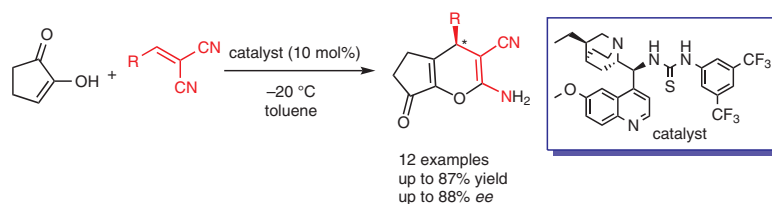
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Asymmetric Organocatalytic Michael Addition–Cyclisation Cascade of Cyclopentane-1,2-dione with Alkylidene Malononitriles

Paper

4198



Synthesis

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

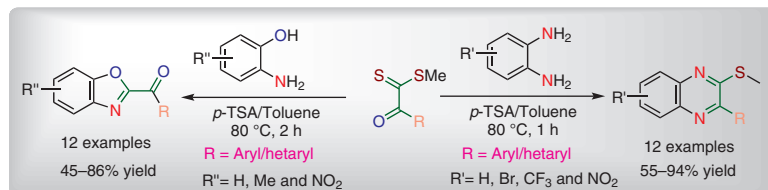
K. R. Kiran
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Acid-Catalyzed Condensation of *o*-Phenylenediamines and *o*-Aminophenols with α -Oxodithioesters: A Divergent and Regioselective Synthesis of 2-Methylthio-3-aryl/Heteroarylquinoxalines and 2-Acylbenzoxazoles

Paper

4205



Synthesis

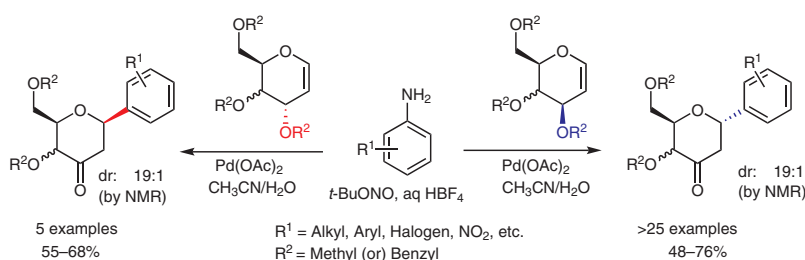
Synthesis 2019, 51, 4215–4230
DOI: 10.1055/s-0037-1611916

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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

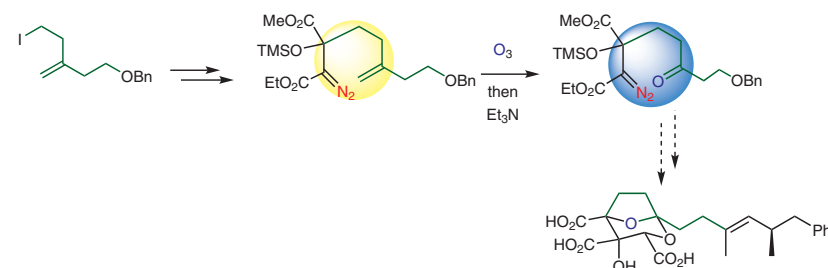
Synthesis 2019, 51, 4231–4238
DOI: 10.1055/s-0039-1690180

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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

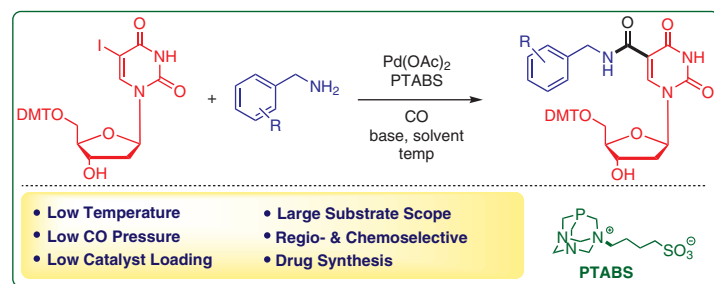
S. Bhilare
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Pd/PTABS: An Efficient Catalytic System for the Aminocarbonylation of a Sugar-Protected Nucleoside

Paper

4239



Synthesis

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

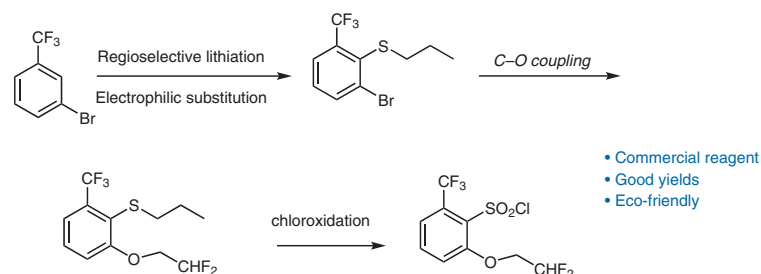
S. S. Huang
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Convenient Synthesis of 2-(2,2-Difluoroethoxy)-6-(trifluoromethyl)-benzenesulfonyl Chloride, A Key Building Block of Penoxsulam

Paper

4249



Synthesis

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

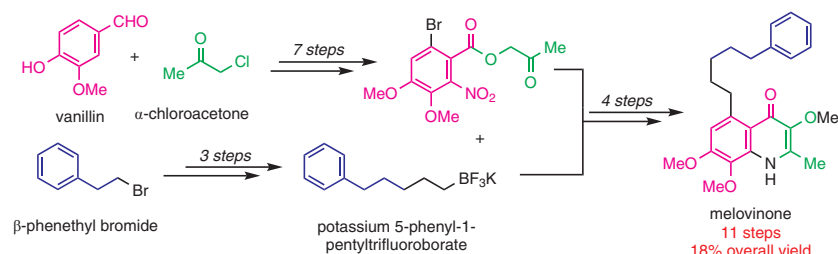
A. A. Arroyo Aguilar
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Convergent First Total Synthesis of Melovinine: A Densely Substituted 3-Methoxy-4-quinolone Isolated from *Melochia tomentosa* L.

Paper

4253



Synthesis

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

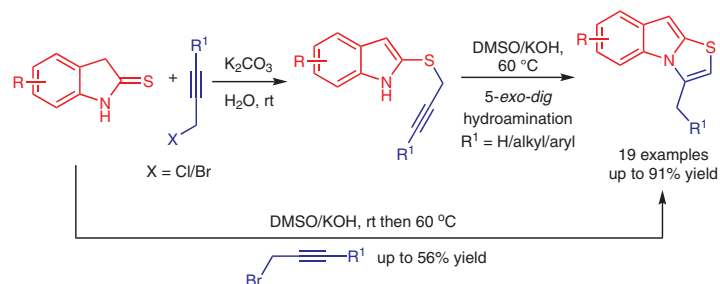
S. Short
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Metal-Free Hydroamination of Alkynes: A Mild and Concise Synthesis of Thiazolo[3,2-*a*]indoles and their Cytotoxic Activity

Paper

4263



Synthesis

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

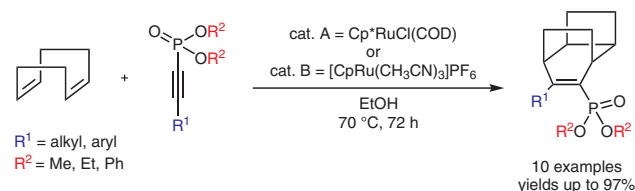
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Ruthenium-Catalyzed [2+2+2] Bis-Homo-Diels–Alder Cycloadditions of 1,5-Cyclooctadiene with Alkynyl Phosphonates

Paper

4271



Synthesis

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

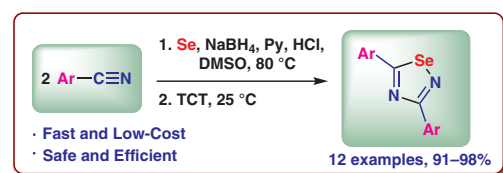
S. Majnooni
Z. Almansaf
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A. R. Khosropour*
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Straightforward and Expeditious One-Pot Tandem Synthesis of 3,5-Diaryl-1,2,4-Selenadiazoles from Aryl Nitriles

Paper

4279



Synthesis

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

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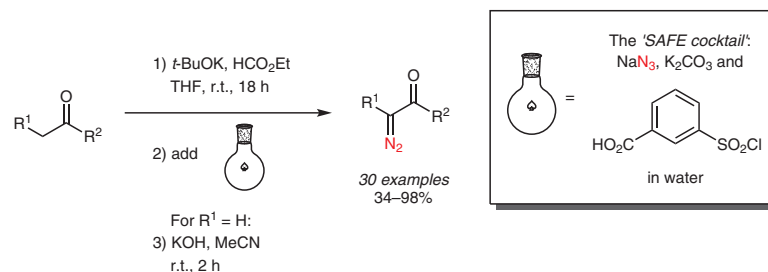
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Practical Application of the Aqueous 'Sulfonyl-Azide-Free' (SAFE) Diazo Transfer Protocol to Less α -C-H Acidic Ketones and Esters

Paper

4284



Synthesis

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

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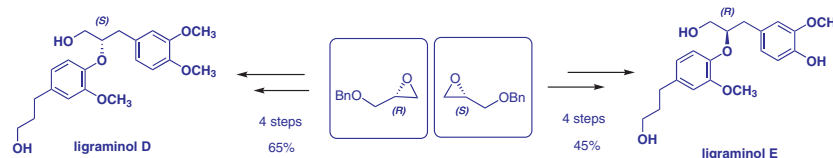
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Efficient Synthesis of Optically Active Neolignans Ligraminol D and E

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

