

Synthesis

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

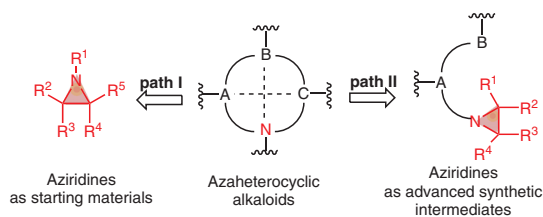
L. Macha
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Studies, South Korea
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Deployment of Aziridines for the Synthesis of Alkaloids and Their Derivatives

Review

1491



Synthesis

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

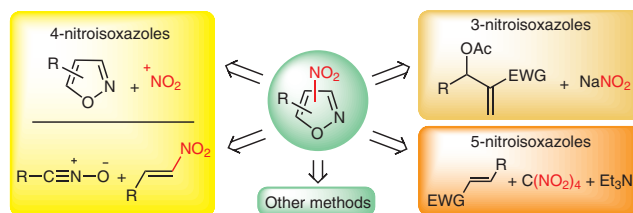
D. A. Vasilenko
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Synthetic Approaches to Nitro-Substituted Isoxazoles

Short Review

1516



Synthesis

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

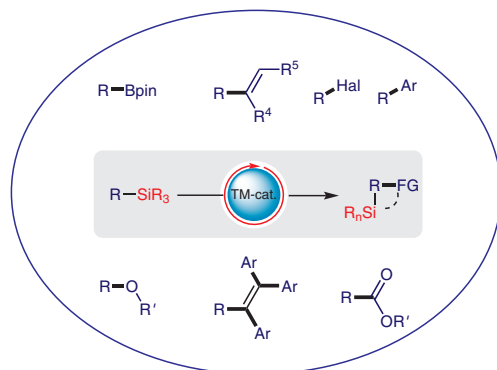
M. Usman
X.-W. Zhang
W.-B. Liu*

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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

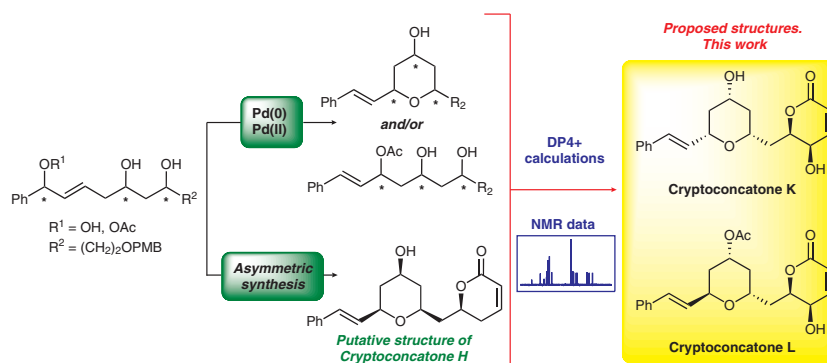
F. Della-Felice
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A. M. Sarotti
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Palladium-Catalyzed Formation of Substituted Tetrahydropyrans: Mechanistic Insights and Structural Revision of Natural Products

Feature

1545



Synthesis

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

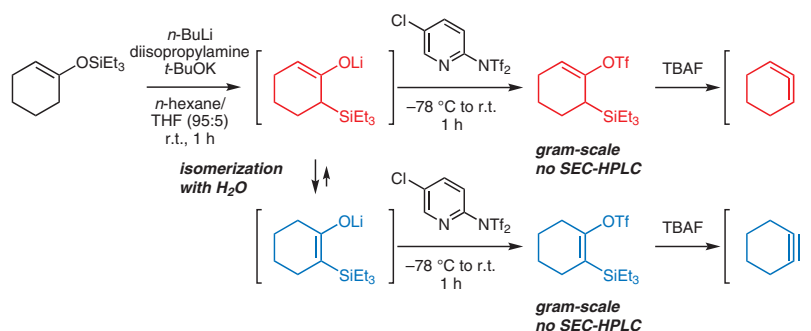
R. Nakura
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Practical Synthesis of Precursors of Cyclohexyne and 1,2-Cyclohexadiene

PSP

1561



Synthesis

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

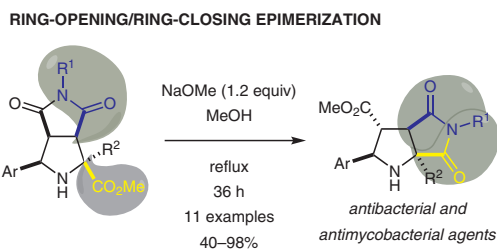
S. Belveren
O. Larrañaga
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From Bioactive Pyrrolidino[3,4-*c*]pyrrolidines to more Bioactive Pyrrolidino[3,4-*b*]pyrrolidines via Ring-Opening/Ring-Closing Promoted by Sodium Methoxide

Paper

1565



Synthesis

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

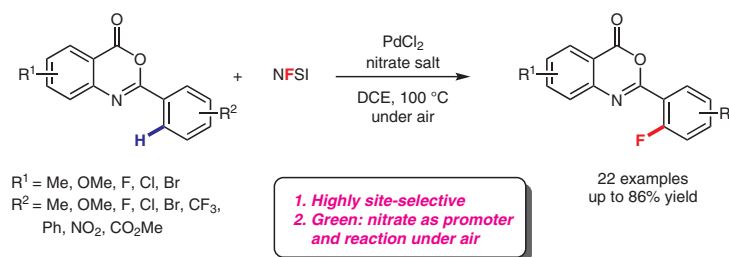
H.-M. Vu
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Palladium-Catalyzed C–H Bond Monofluorination of 2-Arylbenzo[*d*]oxazinone Using Nitrate as Crucial Promoter

Paper

1578



Synthesis

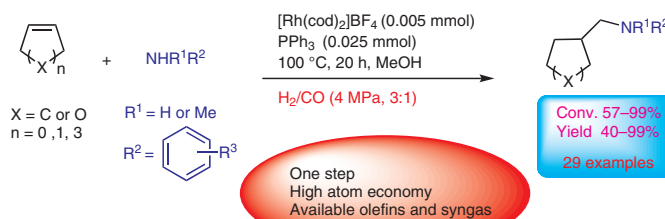
Synthesis **2019**, *51*, 1585–1594
DOI: 10.1055/s-0037-1610681

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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

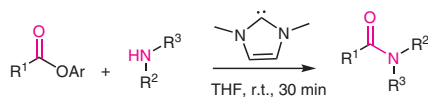
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An Efficient Catalytic Amidation of Esters Promoted by N-Heterocyclic Carbenes

Paper

1595



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

Synthesis

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

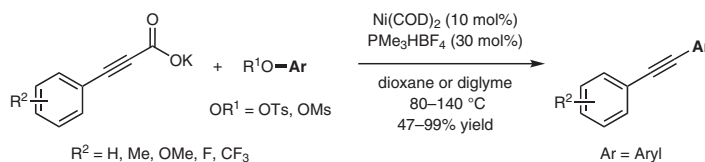
A. Howard
S. Klemann
S. Kolling
K. Little
E. Plasek
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Nickel-Catalyzed Decarboxylative Coupling of Alkynyl Carboxylates with Aryl Tosylates and Mesylates

Paper

1603



R² = H, Me, OMe, F, CF₃

Ar = Aryl

47–99% yield

Synthesis

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

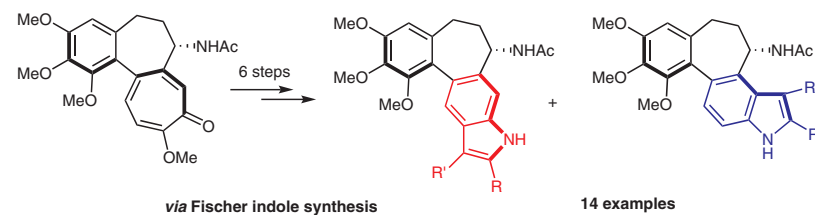
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E. V. Svirshchetskaya
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A Facile Synthetic Approach to Nonracemic Substituted Pyrroloalcolchicinoids Starting from Natural Colchicine

Paper

1611



via Fischer indole synthesis

14 examples

Synthesis

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

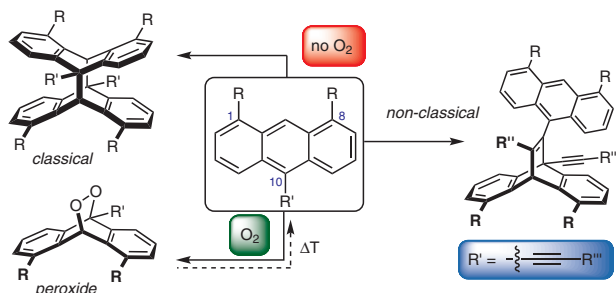
P. Niermeier
J.-H. Lamm
J.-H. Peters
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1,8,10-Substituted Anthracenes – Hexafunctional Frameworks via Head-to-Tail Photodimerisation

Paper

1623



Synthesis

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

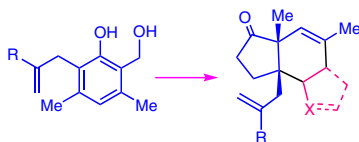
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Oxidative Dearomatization and Sigmatropic 1,3-Acyl Shift in Excited State: Aromatics to Embellished *cis*-Hydrindanes

Paper

1633



Synthesis

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

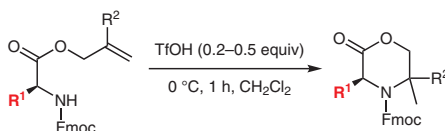
A. Hadi Aldmairi
D. W. Knight*
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Morpholin-2-one Derivatives via Intramolecular Acid-Catalyzed Hydroamination

Paper

1643



Synthesis

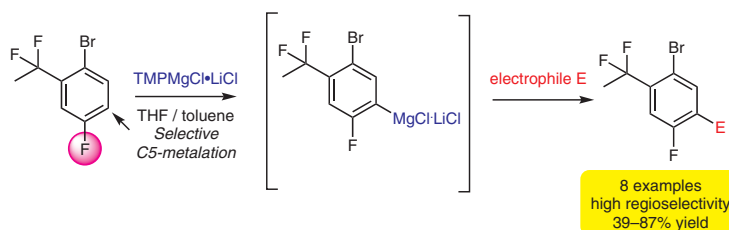
Synthesis **2019**, *51*, 1649–1654
DOI: 10.1055/s-0037-1611938

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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

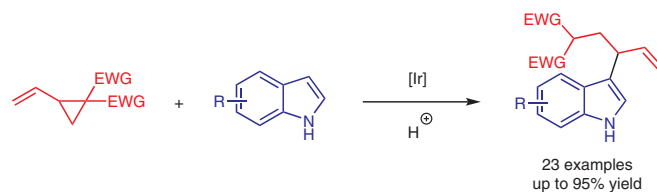
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Z.-Q. Zhu
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C3-Allylation of Indoles via an Iridium-Catalyzed Branch-Selective Ring-Opening Reaction of Vinylcyclopropanes

Paper

1655



Synthesis

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

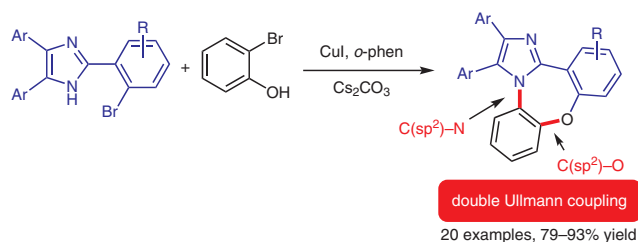
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Copper-Catalyzed Synthesis of Dibenzo[*b,f*]imidazo[1,2-*d*][1,4]oxazine Derivatives via a Double Ullmann Coupling Reaction

Paper

1662



Synthesis

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

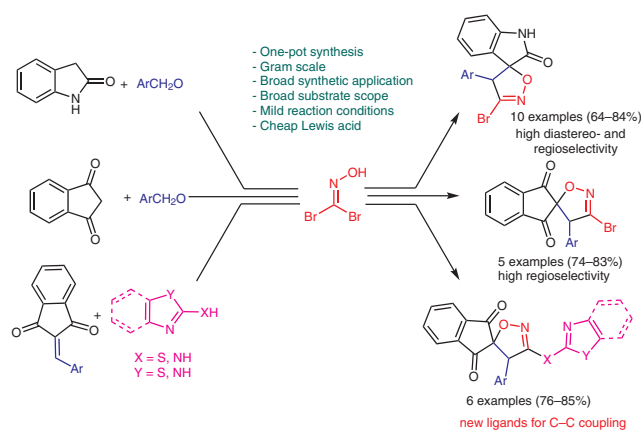
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Lewis Acid Catalyzed Regio- and Diastereoselective Synthesis of Spiroisoxazolines via One-Pot Sequential Knoevenagel Condensation/1,3-Dipolar Cycloaddition Reaction

Paper

1669



Synthesis

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

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Palladium-Catalyzed Carbonylation of Coumarin C(sp²)-H Bonds: A New Entry to Arylcoumarin Ketones

Paper

1680

