

Synthesis

Synthesis 2018, 50, 4343–4350
DOI: 10.1055/s-0037-1610108

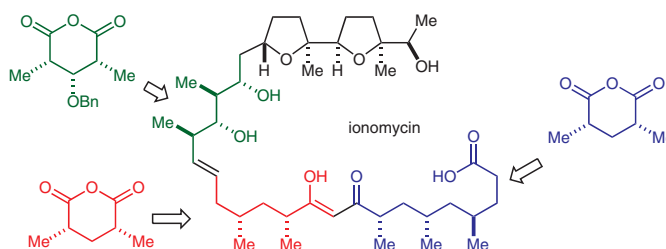
K. M. Oberg
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Colorado State University, USA
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The Catalytic Alkylative Desymmetrization of Anhydrides in a Formal Synthesis of Ionamycin

Paper

4343



Synthesis

Synthesis 2018, 50, 4351–4358
DOI: 10.1055/s-0037-1609754

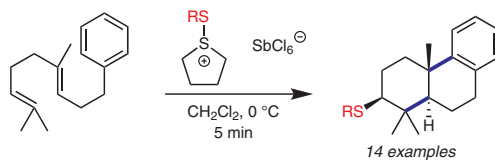
C. J. F. Cole
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Synthesis of Enhanced, Isolable Disulfanium Salts and their Application to Thiiranium-Promoted Polyene Cyclizations

Paper

4351



- Isolable and readily variable disulfanium salts where R = alkyl and aryl
- Generally higher yielding than other electrophilic sulfur transfer reagents for polyene cyclizations with yields up to 64%

Synthesis

Short Enantioselective Formal Synthesis of (-)-Platencin

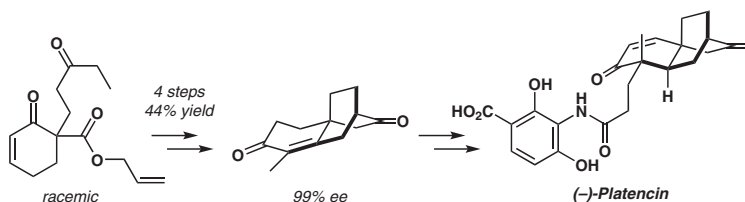
Paper

4359

Synthesis **2018**, *50*, 4359–4367
DOI: 10.1055/s-0037-1610437

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Synthesis

Heterogeneous Iron-Catalyzed Hydrogenation of Nitroarenes under Water-Gas Shift Reaction Conditions

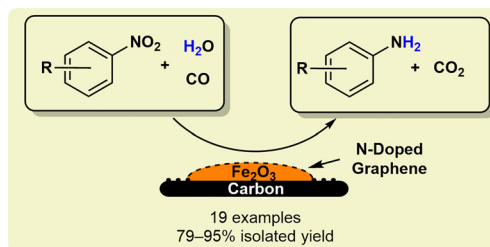
Paper

4369

Synthesis **2018**, *50*, 4369–4376
DOI: 10.1055/s-0037-1610196

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Synthesis

Effect of γ -Substituted Proline Derivatives on the Performance of the Peptidic Catalyst H-dPro-Pro-Glu-NH₂

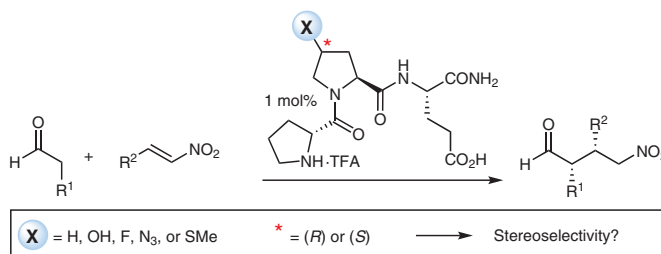
Paper

4377

Synthesis **2018**, *50*, 4377–4382
DOI: 10.1055/s-0037-1609547

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Synthesis

Synthesis **2018**, *50*, 4383–4394
DOI: 10.1055/s-0037-1610215

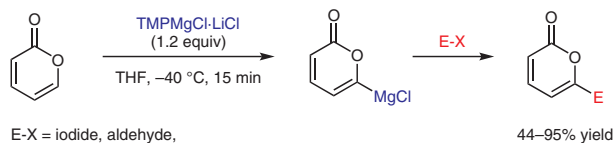
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Directed Zincation or Magnesiumation of 2- and 4-Pyrones and Their Derivatives

Paper

4383



Synthesis

Synthesis **2018**, *50*, 4395–4412
DOI: 10.1055/s-0037-1611053

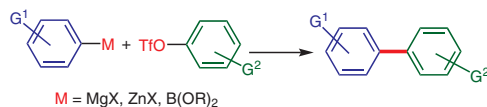
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Directed *ortho* Metalation (DoM)-Linked Corriu–Kumada, Negishi, and Suzuki–Miyaura Cross-Coupling Protocols: A Comparative Study

Paper

4395



Synthesis

Synthesis **2018**, *50*, 4413–4428
DOI: 10.1055/s-0037-1610273

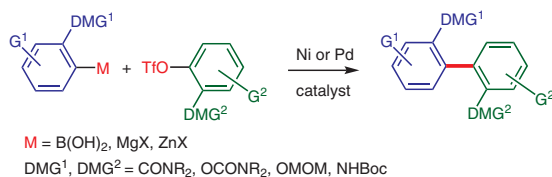
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The Directed *ortho* Metalation (DoM)–Cross-Coupling Connection: Synthesis of Polyfunctional Biaryls

Paper

4413



Synthesis

Modular Dihydrobenzoazaphosphole Ligands for Suzuki–Miyaura Cross-Coupling

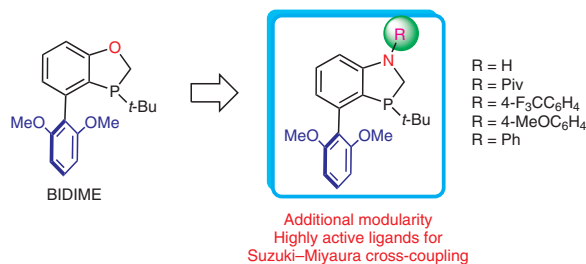
Paper

4429

Synthesis 2018, 50, 4429–4434
DOI: 10.1055/s-0037-1610158

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Synthesis

Enantioselective Arylation of Oxindoles Using Modified BI-DIME Ligands

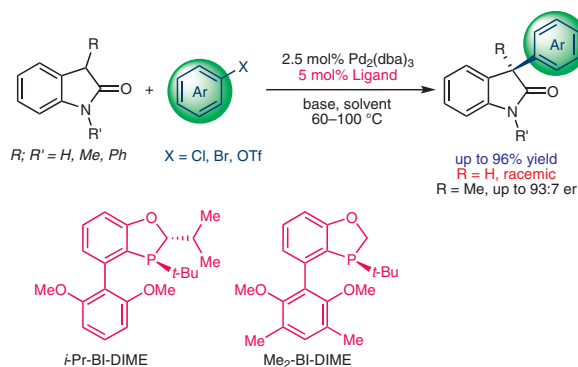
Paper

4435

Synthesis 2018, 50, 4435–4443
DOI: 10.1055/s-0036-1591590

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Synthesis

Asymmetric Synthesis of Six-Membered Cyclic Sulfamides via Palladium-Catalyzed Alkene Carboamination Reactions

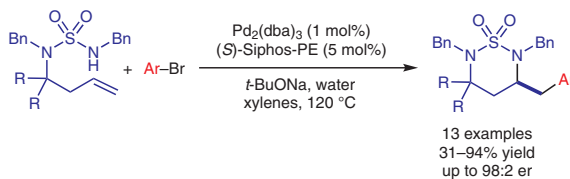
Paper

4444

Synthesis 2018, 50, 4444–4452
DOI: 10.1055/s-0036-1591574

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Synthesis

Synthesis **2018**, *50*, 4453–4461
DOI: 10.1055/s-0037-1610140

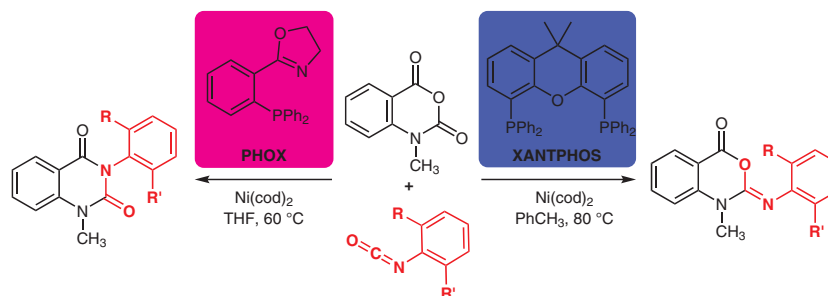
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A Divergent Nickel-Catalyzed Synthesis of Quinazolinones and Benzoxazinone Imines

Paper

4453



Synthesis

Synthesis **2018**, *50*, 4462–4470
DOI: 10.1055/s-0037-1609858

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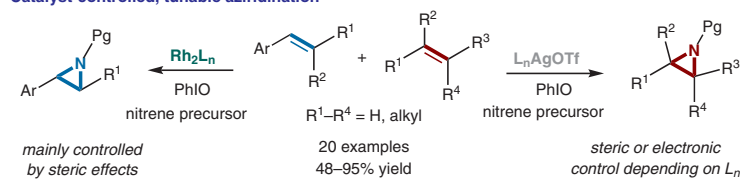
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Site-Selective, Catalyst-Controlled Alkene Aziridination

Paper

4462

Catalyst-controlled, tunable aziridination



Synthesis

Synthesis **2018**, *50*, 4471–4475
DOI: 10.1055/s-0037-1610087

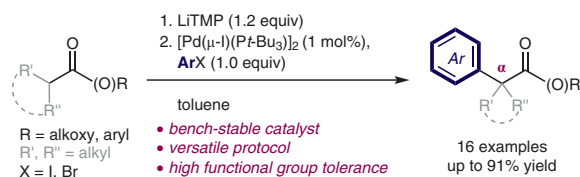
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 α -Arylation of Esters and Ketones Enabled by a Bench-Stable Pd(I) Dimer Catalyst

Paper

4471



Synthesis

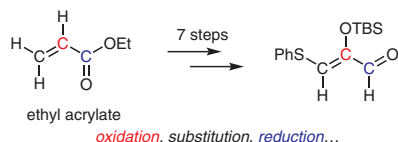
Synthesis 2018, 50, 4476–4482
DOI: 10.1055/s-0036-1591597

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Synthesis of (Z)-2-[(*tert*-Butyldimethylsilyl)oxy]-3-(phenylthio)-acrylaldehyde

Paper

4476



Synthesis

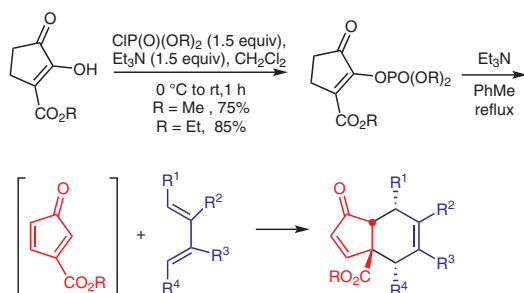
Synthesis 2018, 50, 4483–4489
DOI: 10.1055/s-0037-1610184

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Derivatives of Alkyl 2-Hydroxy-3-oxocyclopent-1-enecarboxylates and Intermolecular [4+2] Cycloadditions of Cyclopentadienones Prepared Therefrom

Paper

4483



Synthesis

Synthesis 2018, 50, 4490–4500
DOI: 10.1055/s-0037-1610199

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Unconventional Rose Odorants: Serendipitous Discovery and Unique Olfactory Properties of 2,2-Bis(prenyl)-3-oxobutyronitrile and Its Derivatives

Paper

4490

